



**CONESTOGA-ROVERS  
& ASSOCIATES**

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June 10, 2014

Reference No. 038443-12

Ms. Leslie Patterson  
Remedial Project Manager  
United States Environmental Protection Agency  
Region V  
77 West Jackson Boulevard  
Mail Code SR-6J  
Chicago, Illinois  
60604

Mr. Steve Renninger  
On-Scene Coordinator  
U.S. EPA Region V  
Emergency Response Branch  
26 West Martin Luther King Drive  
Cincinnati, Ohio  
45268

Dear Ms. Patterson and Mr. Renninger:

Re: Progress Report: May 1 through 31, 2014  
South Dayton Dump and Landfill Site, Moraine, Ohio (Site)

This Monthly Progress Report is submitted in accordance with the Administrative Settlement and Order on Consent (ASAOC) for Remedial Investigation/Feasibility Study (RI/FS) Proceeding Under Sections 104, 107, and 122 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, 42 U.S.C. §§ 9604, 9607, and 9622 (United States Environmental Protection Agency [USEPA]) Docket No. V-W-06-C-852) effective August 15, 2006 (RI/FS ASAOC), and the ASAOC for Removal Action Proceeding Under Sections 104, 106(a), 107, and 122 of the CERCLA, 42 U.S.C. §§ 9604, 9606(a), 9607, and 9622 USEPA Docket No. V-W-13-C-010, effective April 8, 2013 (Removal Action ASAOC), for the period of May 1 through 31, 2014.

The next Progress Report for the month of June 2014 will be submitted on or before July 10, 2014.

REGISTERED COMPANY FOR  
**ISO 9001**  
ENGINEERING DESIGN



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## **Significant Developments in this Reporting Period**

### ***RI/FS ASAOC Developments***

On May 7, 2014, USEPA provided feedback and requested clarification on CRA's April 29, 2014 email regarding background sampling.

On May 20, 2014, CRA provided USEPA with a summary of permit information in a Microsoft Excel file, and a consolidated file of historical documents for the South Dayton Dump and Landfill as discussed during the meeting on May 20, 2014.

On May 23, 2014, CRA provided USEPA, Ohio EPA, and CH2M Hill with the Quality Assurance Action Plan (QAPP) for the South Dayton Dump and Landfill Site.

### ***Removal Action ASAOC Developments***

As of May 31, 2014, the status of each building requiring mitigation was as follows:

#### ***Building 8 (B&G Trucking)***

- 30-day proficiency sampling completed on September 12, 2013.
- Additional confirmatory sampling completed on January 9, 2014, and March 10, 2014.
- Trichloroethene (TCE) concentrations in sub-slab soil vapor probe SS-8-A remain greater than ODH screening levels.
- Respondents are investigating the possibility of installing additional stemlines to spread out the vacuum in the area of SS-8-A.
- During the May 22, 2014 call, Respondents notified USEPA that the property owner and tenant have instructed the Respondents to hold off on any sub-slab depressurization system upgrades. The indoor air concentrations have decreased to acceptable levels, the tenant rejected the proposed stemline locations, and the property owners and tenants wish to avoid any additional interruptions to business operations.
- On May 26, 2014, the Respondents requested a 30-day extension from USEPA for completion of system modifications to Building 8 (B&G Trucking), located at 1951 Dryden Road, Moraine, Ohio. The Respondents requested the extension to allow additional time to negotiate access with the property owners and tenants. On May 27, 2014, USEPA approved an extension for Building 8 (B&G Trucking) until June 27, 2014.



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- Next steps: Implement corrective action plan at Building 8 (B&G Trucking) by June 27, 2014, pending property owner and tenant approval.

*Building 9 (B&G Trucking)*

- 30-day proficiency sampling completed on October 24, 2013.
- 180-day proficiency sampling completed on March 10, 2014.
- Indoor air concentrations of benzene and xylenes were present at concentrations greater than ODH IA screening levels in samples collected during the 180-day proficiency sampling event.
- On May 6, 2014, Respondents submitted a memorandum to USEPA, Public Health – Dayton and Montgomery County (PHDMC), and Ohio Department of Health (ODH) summarizing the indoor air and sub-slab soil vapor concentrations of benzene and xylenes at Building 9 (B&G Trucking). During the conference call held on May 8, 2014, USEPA requested an additional round of sub-slab sampling at probes SS-9-A and SS-9-B to verify statements that Respondents made in the memorandum.
- CRA requested USEPA approval on May 16, 2014 to sample sub-slab soil vapor compliance probe SS-9-E rather than SS-9-A. SS-9-A is located in close proximity to a floor sump and sampling activities at this location hinder B&G Trucking business operations. USEPA granted approval on May 19, 2014. CRA completed sampling of SS-9-B and SS-9-E on May 20, 2014.
- May 2014 indoor air and sub-slab concentrations of benzene and xylenes were less than ODH screening levels.
- TCE concentrations in SS-9-E were greater than ODH screening levels in May 2014.
- Next steps: Submit corrective action plan for Building 12 (Overstreet Painting and S&J Precision) by July 10, 2014.

*Building 12 (Overstreet Painting and S&J Precision)*

- 30-day proficiency sampling completed on October 24, 2013.
- Corrective action implemented by March 6, 2014. Additional confirmatory sampling completed on April 2 and 3, 2014.
- Sub-slab soil vapor concentrations of cis-1,2-dichloroethene (cis-1,2-DCE) and TCE remain greater than ODH screening levels.



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- Indoor air concentrations of benzene were greater than ODH screening levels.
- Respondents submitted a corrective action plan for Building 12 (Overstreet Painting and S&J Precision) on June 7, 2014.

*Building 14 (Bullseye Amusements)*

- 30-day proficiency sampling completed on January 16, 2014.
- USEPA and PHDMC agree that benzene concentrations are likely due to chemical use within the building.
- Respondents completed 180-day proficiency sampling on June 3, 2014.

*Building 15 (SIM Trainer)*

- 30-day proficiency sampling completed on February 13, 2014.
- Corrective action implementation by April 6, 2014. Additional confirmatory sampling completed on April 24, 2014.
- Compared to February 2014 analytical results, benzene, cis-1,2-DCE and TCE concentrations have increased in April 2014, while vinyl chloride concentrations have decreased.
- Indoor air concentrations of TCE at IA-15-A exceeded ODH screening levels.
- USEPA acknowledged concentrations have dramatically improved since the January 2012 and proposed one final adjustment to the sub-slab depressurization system.
- Next Steps: Submit corrective action plan for Building 15 (SIM Trainer) by June 22, 2014.

*Building 17 (Megacity Construction)*

- 30-day proficiency sampling completed on January 16, 2014.
- Respondents completed 180-day proficiency sampling on June 3, 2014.

*Building 24 (Globe Equipment)*

- 30-day proficiency sampling completed on September 11, 2013.
- 180-day proficiency sampling completed on February 7, 2014.
- Next Step: 1-year proficiency sampling (August 2014).



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On May 8 and 22, 2014, USEPA, Ohio EPA, USEPA START contractors CSS-Dynamac and Tetra-Tech, and the Respondents participated in conference calls regarding the status of vapor intrusion (VI) mitigation.

During the May conference calls, the participants discussed the following topics:

- Update on sub-slab depressurization system (SSDS) proficiency sample results on Building 8 (B&G Trucking), Building 9 (B&G Trucking), Building 12 (Overstreet Painting and S&J Precision), Building 14 (Bullseye Amusements), Building 15 (SIM Trainer), Building 17 (Megacity Construction), and Building 24 (Globe Equipment).
- Update on the status of proposed mitigation measures for Building 8 (B&G Trucking), Building 12 (Overstreet Painting and S&J Precision), and Building 15 (SIM Trainer).
  - Property owners and tenants are reluctant to continue mitigation measures as the indoor air concentrations are acceptable in each building, with the exception of Building 15 (SIM Trainer), where the most recent indoor air sample indicates a potential TCE issue in indoor air.
  - CRA is working with all parties to continue mitigation activities.
- CRA did not detect methane during the May 8, 2014 monthly methane monitoring at SIM Trainer Building 15 and soil gas probe GP-2. CRA will track methane at GP-2 through the summer months.
- USEPA to review Utility Corridor Sampling Addendum which details trigger conditions for increased methane monitoring sampling frequency as well as exit conditions to reduce or cease methane monitoring.

On May 12, 2014, CRA notified USEPA and USEPA START contractors CSS-Dynamac and Tetra-Tech, that collection of sub-slab soil vapor samples from Building 9 (B&G Trucking) was scheduled for May 20, 2014.

On May 13, 2014, CRA provided USEPA START contractor Tetra-Tech with meeting minutes for VI conference calls held from January to April 2014.

On May 14, 2014, CRA provided USEPA START contractor Tetra-Tech with the Vapor Intrusion Mitigation Work Plan and Hybrid Proficiency Sampling addendum.



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On May 22, 2014, CRA provided USEPA with the Draft Utility Corridor Sampling Addendum for review.

On May 26, 2014, CRA provided USEPA START contractor Tetra-Tech with the analytical reports from TestAmerica for the samples collected during the VI investigation and the Mitigation proficiency sampling events.

### **Summaries of all Anticipated Problems and Planned Resolutions**

- The Respondents will continue to work with USEPA as required to obtain Access Agreements with property owners.
- As previously discussed with USEPA, a number of the owners and tenants in buildings planned for vapor mitigation have expressed concerns regarding the intrusion that the VI sampling and mitigation has had, and will have, on their business. At present, the owners of the buildings are refusing to allow additional work to occur. The Respondents will continue to work with USEPA to alleviate the owners' and tenants' concerns and to attempt to ensure continued access to the properties.

### **Projected Work for the Next Reporting Period**

- The Respondents and USEPA will continue to work together to address vapor intrusion issues at and in the vicinity of the Site.
- The Respondents and USEPA On-Scene Coordinator will continue to work together to discuss VI mitigation measures and implement the mitigation work plan.



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Should you have any questions on the above, please do not hesitate to contact us.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

A handwritten signature in blue ink, appearing to read "Stephen M. Quigley".

Stephen M. Quigley

VC/cb/18

Encl.

cc: (all by pdf)

Wendell Barner, Barner Consulting
Tim Hoffman, Dinsmore & Shohl
Robin Lunn, Neal, Gerber & Eisenberg
Bryan Heath, NCR
Scott Blackhurst, Kelsey Hayes Company
John Sherrard, CSS-Dynamac Corporation

Madelyn Smith, Ohio EPA
Brett Fishwild, CH2M Hill
Ken Brown, ITW
Jim Campbell, EMI
Wray Blattner, Thompson Hine
Adam Loney, CRA

TABLE 1

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**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>			
5173 / 1 / Storage area ambient air, without filter	1/19/2012	11:50	0.9	22.1	0.1	0.0	ND(1) <sup>1</sup>		
5173 / 1 / C / Storage area, without filter		12:01	391	7.5	2.7	0.9	19		
5173 / 1 / Storage area ambient air, without filter	1/24/2012	10:00	0	21.5	0.0	0.0	0		
5173 / 1 / C / Storage area, without filter		10:09	96.7	5.5	2.8	0.9	19		
5173 / 1 / Storage area ambient air, without filter	1/31/2012	10:50	1	21.6	0.0	0.0	0		
5173 / 1 / C / Storage area, without filter		11:14	182.7	5.5	3.1	1.1	25		
5173 / 1 / Storage area ambient air, without filter	2/7/2012	10:44	0.1	21.7	0.1	0.0	0		
5173 / 1 / C / Storage area, without filter		10:56	142.3	10.9	1.8	0.9	21		
5173 / 1 / Storage area ambient air, without filter	2/16/2012	10:40	0.1	20.5	0.1	0.0	0		
5173 / 1 / C / Storage area with filter		11:04	79.4	14.1	3.1	0.5	10		
5173 / 1 / C / Storage area without filter		11:04	79.4	18.1	0.3	0.2	3		
5173 / 1 / Storage area ambient air, without filter	3/1/2012	11:36	0.1	21.4	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		12:46	196.5	13.8	0.2	0.3	7		
5173 / 1 / C / Storage area without filter		12:48	196.5	16.9	1.5	0.4	9		
5173 / 1 / Storage area ambient air		9:32	0	20.1	0.8	0.0	0		
5173 / 1 / C / Storage area with filter		10:20	101.2	1.0	3.3	0.8	18		
5173 / 1 / C / Storage area without filter			101.2	0.4	4.7	1.4	27		
5173 / 1 / A ambient air without filter	3/13/2012	9:57	0	21.0	0.1	0.0	0		
5173 / 1 / A with filter		10:15	0	16.9	3.0	0.0	0		
5173 / 1 / B ambient air without filter		9:30	0	21.4	0.0	0.0	0		
5173 / 1 / B with filter		9:48	0.2	9.1	7.9	0.0	0		
5173 / 1 / Storage area ambient air, without filter	3/22/2012	11:50	0	20.5	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		12:44	105.8	3.2	1.2	0.7	11		
5173 / 1 / C / Storage area without filter		12:47	105.8	3.0	5.1	1.1	24		
5173 / 1 / Storage area ambient air, without filter	3/27/2012		0.1	21.5	0.0	0.0	0		
5173 / 1 / C / Storage area with filter			17.1	3.9	1.9	0.9	17		
5173 / 1 / C / Storage area without filter		10:56	17.1	5.9	5.4	1.2	26		
5173 / 1 / Storage area ambient air, without filter	4/3/2012	12:30	0	21.0	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		13:09	136.8	1.9	0.4	0.8	19		
5173 / 1 / C / Storage area without filter		13:10	136.8	1.7	5.1	1.4	29		
5173 / 1 / Storage area ambient air, without filter	4/10/2012	11:05	0	21.6	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		11:52	206.1	3.0	0.5	0.8	19		
5173 / 1 / C / Storage area without filter		11:53	206.1	3.1	1.2	0.9	27		
5173 / 1 / Storage area ambient air, without filter	4/17/2012	10:15	0	21.5	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		10:32	129.8	2.3	2.2	0.9	19		
5173 / 1 / C / Storage area without filter		10:37	129.8	1.5	5.5	1.4	28		
5173 / 1 / Storage area ambient air, without filter	4/26/2012	11:13	0	21.0	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		11:27	120.7	2.2	1.7	0.9	10		
5173 / 1 / C / Storage area without filter		11:31	120.7	14.9	1.6	0.5	12		
5173 / 1 / Storage area ambient air, without filter	5/3/2012	11:33	0	20.2	0.1	0.0	0		
5173 / 1 / C / Storage area with filter		11:45	122.1	15.2	0.8	0.3	5		
5173 / 1 / C / Storage area without filter		11:48	122.1	9.5	3.4	0.7	14		
5173 / 1 / Storage area ambient air, without filter	5/10/2012	13:58	0	20.6	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:10	167.9	10.7	0.9	0.6	14		
5173 / 1 / C / Storage area without filter		14:11	167.9	7.8	3.8	0.9	18		
5173 / 1 / Storage area ambient air, without filter	5/15/2012		0	20.1	0.0	0.0	0		
5173 / 1 / C / Storage area with filter			80.4	10.7	0.2	0.5	10		
5173 / 1 / C / Storage area without filter			80.4	20.8	0.3	0.1	2		
5173 / 1 / Storage area ambient air, without filter	5/24/2012	13:15	0.0	20.8	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		13:39	107.1	1.2	6.2	0.9	18		
5173 / 1 / C / Storage area without filter		13:47	107.1	2.2	6.4	1.3	26		
5173 / 1 / Storage area ambient air, without filter	5/31/2012	11:04	0.0	20.4	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		11:14	116.6	8.7	1.5	0.3	7		
5173 / 1 / C / Storage area without filter		11:20	116.6	16.8	2.0	0.7	27		
5173 / 1 / Storage area ambient air, without filter	6/7/2012	10:24	0.0	20.9	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		10:33	102.2	0.9	6.2	1.1	22		
5173 / 1 / C / Storage area without filter		10:44	102.2	1.8	7.0	1.4	28		
5173 / 1 / Storage area ambient air, without filter	6/14/2012	10:55	0.0	20.4	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		11:07	72.0	5.5	3.5	0.7	20		
5173 / 1 / C / Storage area without filter		11:13	72.0	3.8	4.3	1.0	21		
5173 / 1 / Storage area ambient air, without filter	6/19/2012	10:33	0.0	20.2	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		10:55	78.0	1.8	2.3	1.3	26		
5173 / 1 / C / Storage area without filter		10:57	78.0	1.3	7.3	2.2	43		
5173 / 1 / Storage area ambient air, without filter	6/28/2012	10:01	0.0	20.4	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		10:11	65.7	5.8	3.2	0.7	21		
5173 / 1 / C / Storage area without filter		10:11	65.7	3.7	4.7	1.1	27		
5173 / 1 / Storage area ambient air, without filter	7/3/2012	10:15	0.0	19.7	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		10:56	68.0	1.9	7.6	1.7	36		
5173 / 1 / C / Storage area without filter		10:58	68.0	1.9	6.4	1.3	25		

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PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
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<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>			
5173 / 1	7/11/2012								
5173 / 1 / Storage area ambient air, without filter		13:15	0.1	20.4	0.0	0.0	0		
5173 / 1 / C / Storage area with filter	7/19/2012	13:40	65.9	1.7	6.5	1.8	38		
5173 / 1 / C / Storage area without filter		13:40	65.9	1.6	7.9	2.6	51		
5173 / 1 / Storage area ambient air, without filter		9:45	0.0	20.2	0.0	0.0	0		
5173 / 1 / C / Storage area with filter	7/26/2012	9:54	0.0	2.4	6.2	1.9	43		
5173 / 1 / C / Storage area without filter		9:54	0.0	1.0	7.7	3.2	63		
5173 / 1 / Storage area ambient air, with filter		9:40	0.0	20.6	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter	8/2/2012	9:40	0.0	20.7	0.0	0.0	0	90s	none
5173 / 1 / C / Storage area with filter		9:52	79.6	9.2	0.1	1.1	17		
5173 / 1 / C / Storage area without filter		9:52	79.6	6.9	5.3	1.8	38		
5173 / 1 / Storage area ambient air, with filter		9:57	--	--	--	--	0		
5173 / 1 / Storage area ambient air, without filter	8/7/2012	9:57	0.3	20.7	0.1	0.0	0	low 90s	none
5173 / 1 / C / Storage area with filter		10:06	--	--	--	--	43		
5173 / 1 / C / Storage area without filter		10:06	116.5	3.7	6.7	2.9	57		
5173 / 1 / A / Office area ambient air with filter		11:55	0.1	20.3	0.0	0.0	0		
5173 / 1 / A / Office area ambient air without filter		11:55	0.1	20.2	0.0	0.0	0		
5173 / 1 / A / Office area with filter		11:58	2.5	19.5	0.3	0.0	0		
5173 / 1 / A / Office area without filter		11:58	2.5	19.7	0.9	0.0	0		
5173 / 1 / B / Firing Range	8/16/2012								
5173 / 1 / Storage area ambient air, with filter		11:52	0.3	20.6	0.0	0.0	0	80 - low 90s	none
5173 / 1 / Storage area ambient air, without filter		11:52	0.3	20.6	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		12:26	100.7	0.5	6.1	2.2	47		
5173 / 1 / C / Storage area without filter		12:26	100.7	1.3	6.7	3.1	62		
5173 / 1 / A / Office area ambient air with filter		14:05	0.0	21.1	0.0	0.0	0		
5173 / 1 / A / Office area ambient air without filter		14:05	0.0	21.0	0.0	0.0	0		
5173 / 1 / A / Office area with filter		14:20	2.0	19.5	0.1	0.0	0		
5173 / 1 / A / Office area without filter		14:20	2.0	19.7	0.8	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:45	0.0	20.4	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:45	0.0	20.4	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		13:55	2.3	4.4	12.2	0.0	0		
5173 / 1 / B / Firing Range without filter		13:55	2.3	6.3	11.0	0.0	0		
5173 / 1 / Storage area ambient air, with filter		14:25	0.0	21.1	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		14:25	0.0	21.4	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:37	110.9	0.5	5.0	2.1	42		
5173 / 1 / C / Storage area without filter		14:37	110.9	4.8	5.1	2.3	46		
5173 / 1 / A / Office area ambient air without filter									
5173 / 1 / A / Office area with filter	8/30/2012	13:44	0.5	19.5	0.9	0.0	0		
5173 / 1 / A / Office area without filter		13:44	0.5	19.4	1.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:57	0.0	20.7	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		14:07	1.2	5.5	11.0	0.0	0	80s	none
5173 / 1 / B / Firing Range without filter		14:07	1.2	5.3	11.6	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:03	0.0	20.5	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		13:21	39.1	1.4	3.8	1.9	39		
5173 / 1 / C / Storage area without filter		13:21	39.1	0.9	6.6	2.8	57		
5173 / 1 / A / Office area ambient air with filter									
5173 / 1 / A / Office area ambient air without filter		14:07	0.0	20.6	0.0	0.0	0		
5173 / 1 / A / Office area with filter		14:07	3.8	19.4	0.1	0.0	0		
5173 / 1 / A / Office area without filter		14:07	3.8	19.2	0.9	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		0.0	20.3	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		0.0	20.4	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:00	3.8	62.0	9.9	0.0	0		
5173 / 1 / B / Firing Range without filter		14:00	3.8	63.0	11.4	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:20	0.0	20.3	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:20	0.0	20.2	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		13:41	140.4	0.9	5.0	1.9	38		
5173 / 1 / C / Storage area without filter		13:41	140.4	0.8	6.3	2.8	58		
5173 / 1 / A / Office area ambient air with filter									
5173 / 1 / A / Office area ambient air without filter		12:08	0.5	19.6	0.2	0.0	0		
5173 / 1 / A / Office area with filter		12:08	0.5	19.2	1.0	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		0.0	21.3	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		0.0	21.1	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		12:23	1.9	5.8	9.7	0.0	0	80s	rain daily during week of September 2 to 6
5173 / 1 / B / Firing Range without filter		12:23	1.9	5.5	11.8	0.0	0		
5173 / 1 / Storage area ambient air, with filter		0.0	21.2	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		0.0	21.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		60.2	0.8	5.1	2.3	45			
5173 / 1 / C / Storage area without filter		60.2	1.0	6.0	2.7	55			

TABLE 1

**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>			
5173 / 1 / A / Office area ambient air with filter		11:55	0.0	20.3	0.1	0.0	0		
5173 / 1 / A / Office area ambient air without filter		11:55	0.0	20.3	0.0	0.0	0		
5173 / 1 / A / Office area with filter		12:04	0.6	18.0	0.2	0.0	0		
5173 / 1 / A / Office area without filter		12:04	0.6	17.8	1.5	0.0	0		
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation							
5173 / 1 / Storage area ambient air, with filter	9/20/2012	12:15	0.0	20.9	0.0	0.0	0	low 70s	none
5173 / 1 / Storage area ambient air, without filter		12:15	0.0	20.9	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		12:23	88.5	1.9	4.5	2.0	41		
5173 / 1 / C / Storage area without filter		12:23	88.5	1.8	5.3	2.6	52		
5173 / 1 / SIM Trainer	9/27/2012	Inaccessible						60s - 70s	none
5173 / 1 / A / Office area ambient air with filter		13:05	0.0	21.1	0.0	0.0	0		
5173 / 1 / A / Office area ambient air without filter		13:05	0.0	21.1	0.0	0.0	0		
5173 / 1 / A / Office area with filter		13:09	0.7	15.6	0.7	0.0	0		
5173 / 1 / A / Office area without filter		13:09	0.7	17.4	1.6	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		12:50	0.0	20.9	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		12:50	0.0	20.9	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		13:00	0.7	4.6	10.3	0.0	0	mid 60s	light rain
5173 / 1 / B / Firing Range without filter		13:00	0.7	4.7	10.5	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:13	0.0	21.2	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:13	0.0	21.2	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		13:17	57.3	0.8	5.8	2.0	40		
5173 / 1 / C / Storage area without filter		13:17	57.3	0.9	5.0	2.8	56		
5173 / 1 / A / Office area ambient air with filter		13:15	0.0	21.2	0.1	0.0	0		
5173 / 1 / A / Office area ambient air without filter		13:15	0.0	21.3	0.0	0.0	0		
5173 / 1 / A / Office area with filter		13:44	0.8	16.3	2.4	0.0	0		
5173 / 1 / A / Office area without filter		13:44	0.8	16.2	2.5	0.0	0		
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation						mid 70s	none
5173 / 1 / Storage area ambient air, with filter	10/2/2012	13:17	0.0	21.3	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:17	0.0	21.3	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		13:50	104.2	1.8	3.8	1.5	30		
5173 / 1 / C / Storage area without filter		13:50	104.2	1.9	4.3	1.9	38		
5173 / 1 / A / Office area ambient air with filter		13:35	0.0	21.0	0.1	0.0	0		
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.0	0.1	0.0	0		
5173 / 1 / A / Office area with filter		14:17	2.4	15.6	0.8	0.0	0		
5173 / 1 / A / Office area without filter		14:17	2.4	15.2	2.6	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:06	0.0	20.5	0.1	0.0	1 <sup>R</sup>		
5173 / 1 / B / Firing Range ambient air without filter		13:06	0.0	20.3	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		14:20	1.0	3.8	9.6	0.0	0	70s	none
5173 / 1 / B / Firing Range without filter		14:20	1.0	4.1	10.0	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:20	0.0	21.0	0.1	0.0	1 <sup>R</sup>		
5173 / 1 / Storage area ambient air, without filter		13:20	0.0	20.9	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:24	72.9	1.3	3.7	1.5	31		
5173 / 1 / C / Storage area without filter		14:24	72.9	1.4	4.1	2.0	41		
5173 / 1 / A / Office area ambient air with filter		13:35	0.0	21.9	0.1	0.0	0		
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.9	0.1	0.0	0		
5173 / 1 / A / Office area with filter		14:55	1.6	14.2	1.8	0.0	0		
5173 / 1 / A / Office area without filter		14:55	1.6	14.3	3.2	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:48	0.0	21.3	0.1	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:48	0.0	21.4	0.0	0.0	0	30s - 40s	snow & rain
5173 / 1 / B / Firing Range with filter		15:02	1.6	4.0	9.5	0.0	0		
5173 / 1 / B / Firing Range without filter		15:02	1.6	4.1	10.5	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:20	0.0	22.2	0.1	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:20	0.0	22.1	0.1	0.0	0		
5173 / 1 / C / Storage area with filter		15:06	79.5	1.2	4.3	1.6	34		
5173 / 1 / C / Storage area without filter		15:06	79.5	1.4	4.1	2.1	43		
5173 / 1 / A / Office area ambient air with filter		14:02	1.4	21.4	0.1	0.0	0		
5173 / 1 / A / Office area ambient air without filter		14:02	1.4	21.5	0.1	0.0	0		
5173 / 1 / A / Office area with filter		15:21	4.2	13.7	3.2	0.0	0		
5173 / 1 / A / Office area without filter		15:21	4.2	13.7	3.6	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		14:15	1.2	21.0	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		14:15	1.2	21.1	0.0	0.0	0	30s - 40s	none
5173 / 1 / B / Firing Range with filter		15:26	1.8	4.5	9.5	0.0	0		
5173 / 1 / B / Firing Range without filter		15:26	1.8	4.8	9.9	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:35	1.3	20.9	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:35	1.3	21.1	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		15:36	165.5	1.2	3.2	1.4	27		
5173 / 1 / C / Storage area without filter		15:36	165.5	2.2	3.5	1.6	33		

TABLE 1

**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>		
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>					
5173 / 1 / A / Office area ambient air with filter	11/15/2012	13:37	0.0	21.7	0.2	0.0	0	30s - 40s	none		
5173 / 1 / A / Office area ambient air without filter		13:37	0.0	21.8	0.1	0.0	0				
5173 / 1 / A / Office area with filter		15:32	0.0	14.3	3.3	0.0	0				
5173 / 1 / A / Office area without filter		15:32	0.0	14.6	3.6	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		13:58	0.0	21.7	0.1	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		13:58	0.0	21.9	0.0	0.0	0				
5173 / 1 / B / Firing Range with filter		15:43	0.0	4.3	9.5	0.0	0				
5173 / 1 / B / Firing Range without filter		15:43	0.0	4.5	9.8	0.0	0				
5173 / 1 / Storage area ambient air, with filter		13:15	0.0	21.8	0.2	0.0	0				
5173 / 1 / Storage area ambient air, without filter		13:15	0.0	21.4	0.0	0.0	0				
5173 / 1 / C / Storage area with filter		15:45	92.6	1.4	2.5	1.0	21				
5173 / 1 / C / Storage area without filter		15:45	92.6	1.4	3.4	1.3	27				
5173 / 1 / A / Office area ambient air with filter	11/20/2012	13:03	0.0	20.9	0.1	0.0	0	50s	Trace		
5173 / 1 / A / Office area ambient air without filter		13:03	0.0	20.9	0.1	0.0	0				
5173 / 1 / A / Office area with filter		14:45	0.0	13.8	3.2	0.0	0				
5173 / 1 / A / Office area without filter		14:45	0.0	13.9	3.6	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		13:09	0.0	21.0	0.1	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		13:09	0.0	21.1	0.0	0.0	0				
5173 / 1 / B / Firing Range with filter		14:50	0.0	4.6	9.7	0.0	0				
5173 / 1 / B / Firing Range without filter		14:50	0.0	4.7	10.1	0.0	0				
5173 / 1 / Storage area ambient air, with filter		13:08	0.0	20.9	0.1	0.0	0				
5173 / 1 / Storage area ambient air, without filter		13:08	0.0	21.0	0.0	0.0	0				
5173 / 1 / C / Storage area with filter		14:53	183.7	13.6	1.3	0.4	9				
5173 / 1 / C / Storage area without filter		14:53	183.7	10.8	1.8	0.8	16				
5173 / 1 / A / Office area ambient air with filter	11/29/2012	12:31	0.6	21.3	0.1	0.0	0	40s - 50s	None		
5173 / 1 / A / Office area ambient air without filter		12:31	0.6	21.3	0.1	0.0	0				
5173 / 1 / A / Office area with filter		14:05	1.8	13.1	4.0	0.0	0				
5173 / 1 / A / Office area without filter		14:05	1.8	13.3	4.1	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		12:40	0.4	21.2	0.1	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		12:40	0.4	21.2	0.1	0.0	0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation									
5173 / 1 / Storage area ambient air, with filter		12:37	0.3	21.3	0.0	0.0	0				
5173 / 1 / Storage area ambient air, without filter		12:37	0.3	21.3	0.0	0.0	0				
5173 / 1 / C / Storage area with filter		14:23	120.4	2.4	2.8	1.1	22				
5173 / 1 / C / Storage area without filter		14:23	120.4	2.2	3.0	1.5	30				
5173 / 1 / A / Office area ambient air with filter	12/4/2012	13:26	0.0	21.3	0.0	0.0	0	50s	rainy (~0.3 inches)		
5173 / 1 / A / Office area ambient air without filter		13:26	0.0	21.2	0.1	0.0	0				
5173 / 1 / A / Office area with filter		15:29	0.1	13.6	4.5	0.0	0				
5173 / 1 / A / Office area without filter		15:29	0.1	13.7	4.2	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		14:17	0.0	21.0	0.1	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		14:17	0.0	21.0	0.0	0.0	0				
5173 / 1 / B / Firing Range with filter		15:34	0.2	9.1	7.1	0.0	0				
5173 / 1 / B / Firing Range without filter		15:34	0.2	9.1	7.3	0.0	0				
5173 / 1 / Storage area ambient air, with filter		13:07	0.0	21.4	0.0	0.0	0				
5173 / 1 / Storage area ambient air, without filter		13:07	0.0	21.0	0.0	0.0	0				
5173 / 1 / C / Storage area with filter		15:39	66.6	1.6	4.2	1.0	19				
5173 / 1 / C / Storage area without filter		15:39	66.6	1.6	3.6	1.3	27				
5173 / 1 / A / Office area ambient air with filter	12/13/2012	14:18	0.0	22.0	0.0	0.0	0	40s	sunny		
5173 / 1 / A / Office area ambient air without filter		14:18	0.0	22.0	0.0	0.0	0.0				
5173 / 1 / A / Office area with filter		15:17	0.0	14.9	2.5	0.1 U	1 U				
5173 / 1 / A / Office area without filter		15:17	0.0	14.6	4.2	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		13:54	0.0	22.0	0.0	0.1 U	2 U				
5173 / 1 / B / Firing Range ambient air without filter		13:54	0.0	21.8	0.1	0.0	0				
5173 / 1 / B / Firing Range with filter		15:23	1.6	6.4	8.8	0.0	1 U				
5173 / 1 / B / Firing Range without filter		15:23	1.6	6.1	9.7	0.1	1				
5173 / 1 / Storage area ambient air, with filter		13:58	0.0	22.0	0.1	0.1 U	2 U				
5173 / 1 / Storage area ambient air, without filter		13:58	0.0	22.1	0.1	0.0	0				
5173 / 1 / C / Storage area with filter		15:34	109.7	2.0	2.6	1.0	19				
5173 / 1 / C / Storage area without filter		15:34	109.7	1.9	3.2	1.2	25				
5173 / 1 / A / Office area ambient air with filter	12/18/2012	13:55	0.0	21.7	0.1	0.0	0	40s	none		
5173 / 1 / A / Office area ambient air without filter		13:55	0.0	21.6	0.2	0.0	0				
5173 / 1 / A / Office area with filter		14:41	0.8	14.9	3.8	0.0	0				
5173 / 1 / A / Office area without filter		14:41	0.8	14.7	4.6	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		14:04	0.0	21.5	0.1	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		14:04	0.0	21.6	0.1	0.0	0				
5173 / 1 / B / Firing Range with filter		14:51	0.7	6.2	9.3	0.0	0				
5173 / 1 / B / Firing Range without filter		14:51	0.7	6.4	9.7	0.0	0				
5173 / 1 / Storage area ambient air, with filter		13:58	0.0	21.4	0.3	0.0	0				
5173 / 1 / Storage area ambient air, without filter		13:58	0.0	21.4	0.4	0.0	0				
5173 / 1 / C / Storage area with filter		14:56	114.9	1.3	3.8	0.9	19				
5173 / 1 / C / Storage area without filter		14:56	114.9	1.4	3.6	1.3	26				

TABLE 1

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**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>
<b>Time</b>		<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>			
5173 / 1 / A / Office area ambient air with filter	12/27/2012	13:05	0.0	21.0	0.0	0.0	0	30s	none
5173 / 1 / A / Office area ambient air without filter		13:05	0.0	21.0	0.0	0.0	0		
5173 / 1 / A / Office area with filter		14:15	0.7	15.4	4.1	0.0	0		
5173 / 1 / A / Office area without filter		14:15	0.7	15.5	4.1	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:03	0.0	21.1	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:03	0.0	21.1	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		14:25	0.5	8.1	8.7	0.0	0		
5173 / 1 / B / Firing Range without filter		14:25	0.5	7.8	9.0	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:00	0.0	21.0	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:00	0.0	21.0	0.0	0.0	0		
5173 / 1 / C / Storage area with filter	1/3/2013	14:35	75.0	16.5	1.1	0.3	5	10s - 20s	None
5173 / 1 / C / Storage area without filter		14:35	75.0	12.0	1.5	0.5	10		
5173 / 1 / A / Office area ambient air with filter		12:50	0.1	21.2	0.1	0.0	0		
5173 / 1 / A / Office area ambient air without filter		12:50	0.1	21.2	0.1	0.0	0		
5173 / 1 / A / Office area with filter		14:15	0.3	17.9	2.4	0.0	0		
5173 / 1 / A / Office area without filter		14:15	0.3	16.9	3.2	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		12:57	0.0	21.2	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		12:57	0.0	21.2	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		14:26	0.4	8.7	8.4	0.0	0		
5173 / 1 / B / Firing Range without filter		14:26	0.4	8.7	8.4	0.0	0		
5173 / 1 / Storage area ambient air, with filter	1/10/2013	12:55	0.0	21.3	0.0	0.0	0	30s	Trace
5173 / 1 / Storage area ambient air, without filter		12:55	0.0	21.3	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:34	90.4	4.0	2.6	0.7	15		
5173 / 1 / C / Storage area without filter		14:34	90.4	2.5	2.7	1.1	22		
5173 / 1 / A / Office area ambient air with filter		13:28	0.0	21.1	0.1	0.0	0		
5173 / 1 / A / Office area ambient air without filter		13:28	0.0	21.1	0.0	0.0	0		
5173 / 1 / A / Office area with filter		14:24	1.0	16.0	3.7	0.0	0		
5173 / 1 / A / Office area without filter		14:24	1.0	16.0	3.9	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:26	0.1	20.8	0.2	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:26	0.1	21.0	0.1	0.0	0		
5173 / 1 / B / Firing Range with filter	1/17/2013	14:30	0.9	9.1	7.8	0.0	0	30s	None
5173 / 1 / B / Firing Range without filter		14:30	0.9	9.4	7.9	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:24	0.1	21.0	0.1	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:24	0.1	21.1	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:45	52.2	3.1	3.0	0.6	12		
5173 / 1 / C / Storage area without filter		14:45	52.2	3.2	2.8	0.9	17		
5173 / 1 / A / Office area ambient air with filter		13:10	0.0	21.3	0.1	0.0	0		
5173 / 1 / A / Office area ambient air without filter		13:10	0.0	21.4	0.0	0.0	0		
5173 / 1 / A / Office area with filter		14:00	1.0	13.5	4.2	0.0	0		
5173 / 1 / A / Office area without filter		14:00	1.0	13.5	4.3	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter	1/24/2013	13:08	0.1	21.3	0.1	0.0	0	30s	None
5173 / 1 / B / Firing Range ambient air without filter		13:08	0.1	21.3	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		14:07	0.3	8.9	8.5	0.0	0		
5173 / 1 / B / Firing Range without filter		14:07	0.3	8.9	8.7	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:06	0.1	21.3	0.1	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:06	0.1	21.3	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:21	92.9	1.5	3.3	0.8	16		
5173 / 1 / C / Storage area without filter		14:21	92.9	1.6	3.2	1.0	21		
5173 / 1 / A / Office area ambient air with filter		13:45	0.0	22.2	0.1	0.0	0		
5173 / 1 / A / Office area ambient air without filter		13:45	0.0	21.9	0.1	0.0	0		
5173 / 1 / A / Office area with filter	1/24/2013	15:56	0.0	16.2	2.9	0.0	0	10 - 20s	None
5173 / 1 / A / Office area without filter		15:56	0.0	15.9	4.1	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:36	0.0	22.4	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:36	0.0	22.4	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		16:01	0.4	7.2	8.2	0.0	0		
5173 / 1 / B / Firing Range without filter		16:01	0.4	6.7	9.0	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:25	0.0	21.3	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:25	0.0	20.9	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		16:08	53.0	2.5	2.8	0.6	12		
5173 / 1 / C / Storage area without filter		16:08	53.0	1.9	2.8	0.9	18		

TABLE 1

**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>			
5173 / 1 / A / Office area ambient air with filter	1/31/2013	13:33	0.0	22.1	0.1	0.0	0	None	
5173 / 1 / A / Office area ambient air without filter		13:33	0.0	22.2	0.1	0.0	0		
5173 / 1 / A / Office area with filter		15:35	0.1	15.7	2.6	0.0	0		
5173 / 1 / A / Office area without filter		15:35	0.1	14.8	4.4	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		14:10	0.0	22.3	0.1	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		14:10	0.0	22.6	0.1	0.0	0		
5173 / 1 / B / Firing Range with filter		15:41	0.2	6.4	9.0	0.0	0		
5173 / 1 / B / Firing Range without filter		15:41	0.2	6.6	9.5	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:17	0.0	22.1	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:17	0.0	21.8	0.1	0.0	0		
5173 / 1 / C / Storage area with filter	2/7/2013	15:46	76.7	1.9	4.3	0.6	12	none	
5173 / 1 / C / Storage area without filter		15:46	76.7	1.6	3.2	0.9	19		
5173 / 1 / A / Office area ambient air with filter		14:07	0.4	21.8	0.1	0.0	0		
5173 / 1 / A / Office area ambient air without filter		14:07	0.4	21.8	0.2	0.0	0		
5173 / 1 / A / Office area with filter		15:09	0.8	15.4	3.5	0.0	0		
5173 / 1 / A / Office area without filter		15:09	0.8	15.0	4.2	0.0	0		
5173 / 1 / B / Firing Range	2/12/2013	Inaccessible due to Firing Range operation						20s - 50s	
5173 / 1 / Storage area ambient air, with filter		13:54	0.2	21.4	0.1	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:54	0.2	21.2	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		15:21	135.7	2.0	3.4	0.6	13		
5173 / 1 / C / Storage area without filter		15:21	135.7	1.5	3.0	0.9	19		
5173 / 1 / A / Office area ambient air with filter	2/28/2013	13:01	0.1	21.2	0.0	0.0	0	none	
5173 / 1 / A / Office area ambient air without filter		13:01	0.1	21.2	0.1	0.0	0		
5173 / 1 / A / Office area with filter		14:30	0.9	15.4	3.6	0.0	0		
5173 / 1 / A / Office area without filter		14:30	0.9	15.2	4.3	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:03	0.0	21.2	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:03	0.0	21.2	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		14:23	0.4	9.4	7.9	0.0	0		
5173 / 1 / B / Firing Range without filter		14:23	0.4	9.1	7.5	0.0	0		
5173 / 1 / Storage area ambient air, with filter		12:59	0.0	21.2	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		12:59	0.0	21.2	0.0	0.0	0		
5173 / 1 / C / Storage area with filter	3/7/2013	14:38	109.2	1.9	3.3	0.5	10	trace	
5173 / 1 / C / Storage area without filter		14:38	109.2	3.0	3.0	0.7	13		
5173 / 1 / A / Office area ambient air with filter		13:07	0.0	22.3	0.0	0.0	0		
5173 / 1 / A / Office area ambient air without filter		13:07	0.0	22.3	0.1	0.0	0		
5173 / 1 / A / Office area with filter		13:07	0.9	16.0	3.4	0.0	0		
5173 / 1 / A / Office area without filter		13:07	0.9	16.0	4.0	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:09	0.1	22.3	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:09	0.1	22.3	0.1	0.0	0		
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation						20s	
5173 / 1 / Storage area ambient air, with filter		13:12	0.1	22.2	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:12	0.1	22.3	0.1	0.0	0		
5173 / 1 / C / Storage area with filter		13:12	90.5	1.8	3.0	0.7	13		
5173 / 1 / C / Storage area without filter		13:12	90.5	2.0	2.9	0.9	18		
5173 / 1 / A / Office area ambient air with filter	3/7/2013	13:03	0.0	21.1	0.1	0.0	0	~1 inch	
5173 / 1 / A / Office area ambient air without filter		13:03	0.0	21.1	0.1	0.0	0		
5173 / 1 / A / Office area with filter		14:31	0.6	14.7	4.0	0.0	0		
5173 / 1 / A / Office area without filter		14:31	0.6	14.7	4.4	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:21	0.0	21.3	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:21	0.0	21.3	0.0	0.0	0		
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation						30s - 40s	
5173 / 1 / Storage area ambient air, with filter		13:15	0.0	21.2	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:15	0.0	21.2	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:36	63.0	2.3	3.2	0.6	13		
5173 / 1 / C / Storage area without filter		14:36	63.0	2.4	3.1	0.8	16		
5173 / 1 / A / Office area ambient air with filter	3/7/2013	14:00	0.4	21.2	0.1	0.0	0	None	
5173 / 1 / A / Office area ambient air without filter		14:00	0.4	21.2	0.1	0.0	0		
5173 / 1 / A / Office area with filter		14:13	0.0	16.4	2.4	0.0	0		
5173 / 1 / A / Office area without filter		14:13	0.0	15.2	4.4	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:50	0.4	21.6	0.1	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:50	0.4	21.6	0.1	0.0	0		
5173 / 1 / B / Firing Range with filter		14:17	0.0	9.1	7.1	0.0	0		
5173 / 1 / B / Firing Range without filter		14:17	0.0	6.9	9.8	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:40	0.3	21.5	0.3	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:40	0.3	21.5	0.1	0.0	0		
5173 / 1 / C / Storage area with filter		14:21	47.0	5.1	5.0	0.4	8		
5173 / 1 / C / Storage area without filter		14:21	47.0	3.1	3.1	0.8	15		

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**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>			
5173 / 1 / A / Office area ambient air with filter	3/14/2013	13:04	0.0	21.1	0.1	0.0	0	20s - 40s	None
5173 / 1 / A / Office area ambient air without filter		13:04	0.0	21.2	0.1	0.0	0		
5173 / 1 / A / Office area with filter		14:36	0.0	15.2	4.1	0.0	0		
5173 / 1 / A / Office area without filter		14:36	0.0	15.2	4.6	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:33	0.0	21.8	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:33	0.0	21.7	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		14:30	0.1	9.4	9.1	0.0	0		
5173 / 1 / B / Firing Range without filter		14:30	0.1	9.6	8.8	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:18	0.0	21.3	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:18	0.0	21.4	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:53	80.1	2.3	3.0	0.4	8		
5173 / 1 / C / Storage area without filter		14:53	80.1	2.4	3.3	0.6	13		
5173 / 1 / A / Office area ambient air with filter	3/21/2013	13:40	0.0	21.2	0.1	0.0	0	20s - 30s	Trace
5173 / 1 / A / Office area ambient air without filter		13:40	0.0	21.3	0.1	0.0	0		
5173 / 1 / A / Office area with filter		14:04	0.0	15.1	4.8	0.0	0		
5173 / 1 / A / Office area without filter		14:04	0.0	15.1	4.4	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:15	0.0	21.7	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:15	0.0	21.8	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		13:57	0.0	6.7	9.5	0.0	0		
5173 / 1 / B / Firing Range without filter		13:57	0.0	6.8	9.8	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:17	0.0	21.8	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:17	0.0	21.8	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:11	85.5	4.7	3.6	0.5	11		
5173 / 1 / C / Storage area without filter		14:11	85.5	2.5	3.3	0.8	17		
5173 / 1 / A / Office area ambient air with filter	3/28/2013	12:41	0.0	21.3	0.0	0.0	0	30s - 40s	None
5173 / 1 / A / Office area ambient air without filter		12:41	0.0	21.3	0.0	0.0	0		
5173 / 1 / A / Office area with filter		13:21	0.0	15.4	5.4	0.0	0		
5173 / 1 / A / Office area without filter		13:21	0.0	15.5	4.4	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		12:42	0.0	21.3	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		12:42	0.0	21.3	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		13:16	0.0	7.3	9.1	0.0	0		
5173 / 1 / B / Firing Range without filter		13:16	0.0	7.2	9.8	0.0	0		
5173 / 1 / Storage area ambient air, with filter		12:44	0.0	21.3	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		12:44	0.0	21.3	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		13:27	109.0	3.1	3.4	0.6	12		
5173 / 1 / C / Storage area without filter		13:27	109.0	3.3	3.2	0.8	16		
5173 / 1 / A / Office area ambient air with filter	4/4/2013	13:27	0.0	21.3	0.0	0.0	0	30s - 50s	None
5173 / 1 / A / Office area ambient air without filter		13:27	0.0	21.3	0.0	0.0	0		
5173 / 1 / A / Office area with filter		14:31	0.4	16.1	3.3	0.0	0		
5173 / 1 / A / Office area without filter		14:31	0.4	15.9	3.8	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:32	0.0	21.2	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:32	0.0	21.2	0.0	0.0	0		
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation							
5173 / 1 / Storage area ambient air, with filter		13:31	0.0	21.2	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:31	0.0	21.2	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:38	87.2	11.7	1.8	0.4	7		
5173 / 1 / C / Storage area without filter		14:38	87.2	13.3	1.6	0.4	8		
5173 / 1 / A / Office area ambient air with filter	4/9/2013	13:23	0.0	20.4	0.0	0.0	0	50s - 80s	None
5173 / 1 / A / Office area ambient air without filter		13:23	0.0	20.5	0.0	0.0	0		
5173 / 1 / A / Office area with filter		14:19	1.1	15.5	3.8	0.0	0		
5173 / 1 / A / Office area without filter		14:19	1.1	15.6	4.2	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		13:30	0.0	20.6	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		13:30	0.0	20.6	0.0	0.0	0		
5173 / 1 / B / Firing Range with filter		14:26	1.3	6.5	9.5	0.0	0		
5173 / 1 / B / Firing Range without filter		14:26	1.3	10.0	6.6	0.0	0		
5173 / 1 / Storage area ambient air, with filter		13:31	0.0	20.6	0.0	0.0	0		
5173 / 1 / Storage area ambient air, without filter		13:31	0.0	20.6	0.0	0.0	0		
5173 / 1 / C / Storage area with filter		14:31	102.1	3.5	3.8	0.5	11		
5173 / 1 / C / Storage area without filter		14:31	102.1	3.7	3.6	0.7	14		
5173 / 1 / A / Office area ambient air with filter	4/18/2013	12:30	0.7	20.6	0.0	0.0	0	60s - 80s	None
5173 / 1 / A / Office area ambient air without filter		12:30	0.7	20.6	0.0	0.0	0		
5173 / 1 / A / Office area with filter		14:15	1.1	15.2	4.3	0.0	0		
5173 / 1 / A / Office area without filter		14:15	1.1	15.2	4.5	0.0	0		
5173 / 1 / B / Firing Range ambient air with filter		12:37	0.0	20.4	0.0	0.0	0		
5173 / 1 / B / Firing Range ambient air without filter		12:37	0.0	20.4	0.0	0.0	0		
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation							
5173 / 1 / Storage area ambient air, with filter		12:35	0.1	20.4	0.2	0.0	0		
5173 / 1 / Storage area ambient air, without filter		12:35	0.1	20.4	0.1	0.0	0		
5173 / 1 / C / Storage area with filter		14:21	134.9	1.6	5.2	0.6	13		
5173 / 1 / C / Storage area without filter		14:21	134.9	1.7	5.3	0.9	18		

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**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>			
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>						
5173 / 1 / A / Office area ambient air with filter	4/23/2013	14:09	0.0	21.4	0.0	0.0	50s - 60s	None				
5173 / 1 / A / Office area ambient air without filter		14:09	0.0	21.4	0.1	0.0						
5173 / 1 / A / Office area with filter		14:55	0.3	16.1	3.0	0.0						
5173 / 1 / A / Office area without filter		14:55	0.3	15.9	4.0	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:52	0.0	20.6	0.1	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:52	0.0	20.6	0.0	0.0						
5173 / 1 / B / Firing Range with filter		14:59	0.2	6.9	10.4	0.0						
5173 / 1 / B / Firing Range without filter		14:59	0.2	6.9	10.8	0.0						
5173 / 1 / Storage area ambient air, with filter		14:00	0.0	21.3	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		14:00	0.0	21.4	0.0	0.0						
5173 / 1 / C / Storage area with filter	4/30/2013	15:04	77.6	3.5	4.1	0.5	40s - 70s	None				
5173 / 1 / C / Storage area without filter		15:04	77.6	3.5	4.6	0.8						
5173 / 1 / A / Office area ambient air with filter		13:39	0.0	21.3	0.0	0.0						
5173 / 1 / A / Office area ambient air without filter		13:39	0.0	21.3	0.0	0.0						
5173 / 1 / A / Office area with filter		14:58	0.0	16.7	3.1	0.0						
5173 / 1 / A / Office area without filter		14:58	0.0	16.6	3.8	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:16	0.0	20.1	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:16	0.0	20.2	0.0	0.0						
5173 / 1 / B / Firing Range with filter		15:02	0.5	7.1	9.6	0.0						
5173 / 1 / B / Firing Range without filter		15:02	0.5	6.8	10.6	0.0						
5173 / 1 / Storage area ambient air, with filter	5/9/2013	13:21	0.0	20.6	0.0	0.0	50s - 70s	None				
5173 / 1 / Storage area ambient air, without filter		13:21	0.0	21.0	0.0	0.0						
5173 / 1 / C / Storage area with filter		15:06	60.1	2.5	5.8	0.5						
5173 / 1 / C / Storage area without filter		15:06	60.1	2.6	4.9	0.8						
5173 / 1 / A / Office area ambient air with filter		13:35	0.0	20.6	0.0	0.0						
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	20.6	20.7	0.0						
5173 / 1 / A / Office area with filter		14:49	0.0	17.5	1.8	0.0						
5173 / 1 / A / Office area without filter		14:49	0.0	17.3	2.8	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:19	0.0	19.5	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:19	0.0	19.6	0.0	0.0						
5173 / 1 / B / Firing Range with filter	5/16/2013	14:51	0.4	7.0	10.3	0.0	40s - 80s	~1 inch				
5173 / 1 / B / Firing Range without filter		14:51	0.4	7.1	10.8	0.0						
5173 / 1 / Storage area ambient air, with filter		13:27	0.0	20.0	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:27	0.0	20.1	0.0	0.0						
5173 / 1 / C / Storage area with filter		14:55	31.5	2.2	5.8	0.6						
5173 / 1 / C / Storage area without filter		14:55	31.5	2.3	5.5	0.9						
5173 / 1 / A / Office area ambient air with filter		12:30	0.0	20.7	0.0	0.0						
5173 / 1 / A / Office area ambient air without filter		12:30	0.0	20.7	0.1	0.0						
5173 / 1 / A / Office area with filter		13:48	1.0	18.1	2.7	0.0						
5173 / 1 / A / Office area without filter		13:48	1.0	17.9	3.1	0.0						
5173 / 1 / B / Firing Range ambient air with filter	5/21/2013	12:33	0.0	20.7	0.1	0.0	40s - 80s	~0.2 inch				
5173 / 1 / B / Firing Range ambient air without filter		12:33	0.0	20.7	0.0	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		12:31	0.0	20.7	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		12:31	0.0	20.7	0.0	0.0						
5173 / 1 / C / Storage area with filter		13:59	120.3	1.8	6.5	0.8						
5173 / 1 / C / Storage area without filter		13:59	120.3	1.5	6.6	1.1						
5173 / 1 / A / Office area ambient air with filter		14:06	0.0	20.5	0.0	0.0						
5173 / 1 / A / Office area ambient air without filter		14:06	0.0	20.5	0.0	0.0						
5173 / 1 / A / Office area with filter		15:37	0.0	18.8	1.8	0.0						
5173 / 1 / A / Office area without filter		15:37	0.0	18.7	2.5	0.0						
5173 / 1 / B / Firing Range ambient air with filter	5/30/2013	13:50	0.0	19.2	0.0	0.0	50s - 80s	~1.3 inch				
5173 / 1 / B / Firing Range ambient air without filter		13:50	0.0	19.3	0.0	0.0						
5173 / 1 / B / Firing Range with filter		15:41	0.9	6.7	12.1	0.0						
5173 / 1 / B / Firing Range without filter		15:41	0.9	6.8	12.6	0.0						
5173 / 1 / Storage area ambient air, with filter		13:58	0.0	20.0	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:58	0.0	20.0	0.0	0.0						
5173 / 1 / C / Storage area with filter		15:44	79.5	3.1	7.0	0.6						
5173 / 1 / C / Storage area without filter		15:44	79.5	3.1	6.6	1.0						
5173 / 1 / A / Office area ambient air with filter		12:20	0.0	20.7	0.0	0.0						
5173 / 1 / A / Office area ambient air without filter		12:20	0.0	20.7	0.0	0.0						
5173 / 1 / A / Office area with filter	5/30/2013	13:48	1.7	18.6	2.0	0.0	50s - 80s					
5173 / 1 / A / Office area without filter		13:48	1.7	18.4	2.3	0.0						
5173 / 1 / B / Firing Range ambient air with filter		12:34	0.0	20.8	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		12:34	0.0	20.7	0.0	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		12:36	0.0	20.7	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter	5/30/2013	12:36	0.0	20.7	0.0	0.0						
5173 / 1 / C / Storage area with filter		13:56	137.2	1.5	7.2	0.8						
5173 / 1 / C / Storage area without filter		13:56	137.2	1.6	7.4	1.2						

TABLE 1

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**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>			
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>						
5173 / 1 / A / Office area ambient air with filter	6/6/2013	13:51	0.1	20.9	0.0	0.0	60s	0.25 inch				
5173 / 1 / A / Office area ambient air without filter		13:51	0.1	20.9	0.1	0.0						
5173 / 1 / A / Office area with filter		15:28	1.8	19.2	2.0	0.0						
5173 / 1 / A / Office area without filter		15:28	1.8	19.0	2.2	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:56	0.0	20.9	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:56	0.0	20.9	0.0	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		13:55	0.0	20.9	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:55	0.0	20.9	0.0	0.0						
5173 / 1 / C / Storage area with filter		15:35	126.8	4.3	6.5	0.8	16					
5173 / 1 / C / Storage area without filter		15:35	126.8	4.4	6.8	1.1	23					
5173 / 1 / A / Office area ambient air with filter	6/13/2013	15:25	0.0	20.8	0.0	0.0	60s - 80s	1.55 inches				
5173 / 1 / A / Office area ambient air without filter		15:25	0.0	20.8	0.0	0.0						
5173 / 1 / A / Office area with filter		--	0.0	18.6	2.5	0.0						
5173 / 1 / A / Office area without filter		--	0.0	19.9	0.4	0.0						
5173 / 1 / B / Firing Range ambient air with filter		15:00	0.0	20.9	0.0	0.0						
5173 / 1 / B / Firing Range with filter		--	0.7	6.6	12.1	0.0						
5173 / 1 / B / Firing Range without filter		--	0.7	6.6	12.7	0.0						
5173 / 1 / Storage area ambient air, with filter		15:13	0.0	20.8	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		15:13	0.0	20.8	0.0	0.0						
5173 / 1 / C / Storage area with filter		--	86.4	2.0	7.5	1.0	20					
5173 / 1 / C / Storage area without filter		--	86.4	1.9	7.6	1.4	25					
5173 / 1 / A / Office area ambient air with filter	6/20/2013	--	0.0	21.0	0.0	0.0	50s - 80s	None				
5173 / 1 / A / Office area ambient air without filter		--	0.0	21.0	0.0	0.0						
5173 / 1 / A / Office area with filter		--	0.9	19.4	0.7	0.0						
5173 / 1 / A / Office area without filter		--	0.9	19.2	1.7	0.0						
5173 / 1 / B / Firing Range ambient air with filter		--	0.0	21.0	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		--	0.0	21.0	0.0	0.0						
5173 / 1 / B / Firing Range with filter		--	2.3	6.4	11.8	0.0						
5173 / 1 / B / Firing Range without filter		--	2.3	6.5	12.5	0.0						
5173 / 1 / Storage area ambient air, with filter		--	0.0	20.9	0.1	0.0						
5173 / 1 / Storage area ambient air, without filter		--	0.0	20.9	0.1	0.0						
5173 / 1 / C / Storage area with filter		--	235.1	2.5	7.6	1.0	21					
5173 / 1 / C / Storage area without filter		--	235.1	2.4	7.4	1.8	37					
5173 / 1 / A / Office area ambient air with filter	6/27/2013	13:12	0.0	21.6	0.0	0.0	70s - 80s	Trace				
5173 / 1 / A / Office area ambient air without filter		13:12	21.5	0.0	0.0	0.0						
5173 / 1 / A / Office area with filter		14:23	0.2	19.8	0.7	0.0						
5173 / 1 / A / Office area without filter		14:23	0.2	19.6	1.1	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:02	0.0	21.5	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:02	0.0	21.5	0.0	0.0						
5173 / 1 / B / Firing Range with filter		14:18	0.0	8.6	11.2	0.0						
5173 / 1 / B / Firing Range without filter		14:18	0.0	8.3	11.4	0.0						
5173 / 1 / Storage area ambient air, with filter		13:25	0.0	21.7	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:25	0.0	21.7	0.0	0.0						
5173 / 1 / C / Storage area with filter		14:30	223.0	3.1	5.7	1.3	26					
5173 / 1 / C / Storage area without filter		14:30	223.0	3.0	7.6	1.6	32					
5173 / 1 / A / Office area ambient air with filter	7/3/2013	12:51	0.0	20.7	0.0	0.0	60s - 80s	Trace				
5173 / 1 / A / Office area ambient air without filter		12:51	0.0	20.7	0.0	0.0						
5173 / 1 / A / Office area with filter		13:09	0.0	19.0	1.8	0.0						
5173 / 1 / A / Office area without filter		13:09	0.0	19.0	1.6	0.0						
5173 / 1 / B / Firing Range ambient air with filter		12:47	0.0	20.7	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		12:47	0.0	20.7	0.1	0.0						
5173 / 1 / B / Firing Range with filter		13:05	5.0	7.7	10.9	0.0						
5173 / 1 / B / Firing Range without filter		13:05	5.0	7.7	11.7	0.0						
5173 / 1 / Storage area ambient air, with filter		12:49	0	20.8	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		12:49	0	20.8	0.0	0.0						
5173 / 1 / C / Storage area with filter		13:25	217	3.3	6.5	1.2	25					
5173 / 1 / C / Storage area without filter		13:25	217	3.0	7.4	1.6	32					
5173 / 1 / A / Office area ambient air with filter	7/11/2013	13:34	0.0	20.7	0.0	0.0	60s - 70s	None				
5173 / 1 / A / Office area ambient air without filter		13:34	0.0	20.7	0.0	0.0						
5173 / 1 / A / Office area with filter		15:20	2.4	19.3	1.7	0.0						
5173 / 1 / A / Office area without filter		15:20	2.4	19.2	1.6	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:30	0.0	20.8	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:30	0.0	20.8	0.0	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		13:32	0.0	20.8	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:32	0.0	20.8	0.1	0.0						
5173 / 1 / C / Storage area with filter		15:25	102.6	1.7	7.8	1.2	24					
5173 / 1 / C / Storage area without filter		15:25	102.6	1.9	8.0	1.8	35					

TABLE 1

**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>		
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>					
5173 / 1 / A / Office area ambient air with filter	7/18/2013	12:34	0.0	20.7	0.0	0.0	0	70s - 90s	None		
5173 / 1 / A / Office area ambient air without filter		12:34	0.0	20.8	0.0	0.0	0				
5173 / 1 / A / Office area with filter		15:16	1.9	19.7	1.5	0.0	0				
5173 / 1 / A / Office area without filter		15:16	1.9	19.8	1.3	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		12:30	0.0	20.7	0.0	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		12:30	0.0	20.7	0.0	0.0	0				
5173 / 1 / B / Firing Range with filter		15:09	5.0	8.0	11.0	0.0	0				
5173 / 1 / B / Firing Range without filter		15:09	5.0	7.7	11.9	0.0	0				
5173 / 1 / Storage area ambient air, with filter		12:32	0	20.7	0.0	0.0	0				
5173 / 1 / Storage area ambient air, without filter		12:32	0	20.7	0.0	0.0	0				
5173 / 1 / C / Storage area with filter		15:45	126.3	2.0	8.0	1.3	25				
5173 / 1 / C / Storage area without filter		15:45	126.3	2.9	8.0	1.9	37				
5173 / 1 / A / Office area ambient air with filter	7/25/2013	13:18	0.0	20.9	0.0	0.0	0	50s - 70s	None		
5173 / 1 / A / Office area ambient air without filter		13:18	0.0	20.9	0.0	0.0	0				
5173 / 1 / A / Office area with filter		14:46	2.4	19.6	1.6	0.0	0				
5173 / 1 / A / Office area without filter		14:46	2.4	19.6	1.4	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		13:15	0.0	20.9	0.0	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		13:15	0.0	20.9	0.1	0.0	0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation									
5173 / 1 / Storage area ambient air, with filter		13:16	0	21.0	0.0	0.0	0				
5173 / 1 / Storage area ambient air, without filter		13:16	0	21.0	0.1	0.0	0				
5173 / 1 / C / Storage area with filter		14:51	113.6	2.7	7.4	1.5	29				
5173 / 1 / C / Storage area without filter		14:51	113.6	2.8	7.7	1.9	38				
5173 / 1 / A / Office area ambient air with filter	8/1/2013	13:34	0.0	20.8	0.1	0.0	0	60s - 80s	None		
5173 / 1 / A / Office area ambient air without filter		13:34	0.0	20.8	0.0	0.0	0				
5173 / 1 / A / Office area with filter		14:41	1.0	18.9	2.5	0.0	0				
5173 / 1 / A / Office area without filter		14:41	1.0	19.0	1.6	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		13:31	0.0	20.8	0.0	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		13:31	0.0	20.8	0.0	0.0	0				
5173 / 1 / B / Firing Range with filter		14:35	0.9	7.4	11.3	0.0	0				
5173 / 1 / B / Firing Range without filter		14:35	0.9	7.5	11.5	0.0	0				
5173 / 1 / Storage area ambient air, with filter		13:32	0	20.8	0.0	0.0	0				
5173 / 1 / Storage area ambient air, without filter		13:32	0	20.7	0.0	0.0	0				
5173 / 1 / C / Storage area with filter		14:46	173.9	2.1	6.7	1.5	29				
5173 / 1 / C / Storage area without filter		14:46	173.9	2.5	7.4	2.1	41				
5173 / 1 / A / Office area ambient air with filter	8/6/2013	13:08	0.0	20.6	0.0	0.0	0	60s - 80s	None		
5173 / 1 / A / Office area ambient air without filter		13:08	0.0	20.6	0.0	0.0	0				
5173 / 1 / A / Office area with filter		14:15	1.5	18.7	2.0	0.0	0				
5173 / 1 / A / Office area without filter		14:15	1.5	18.6	1.6	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		13:04	0.0	20.6	0.0	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		13:04	0.0	20.7	0.0	0.0	0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation									
5173 / 1 / Storage area ambient air, with filter		13:06	0	20.6	0.0	0.0	0				
5173 / 1 / Storage area ambient air, without filter		13:06	0	20.6	0.0	0.0	0				
5173 / 1 / C / Storage area with filter		14:21	151.3	2.6	7.0	1.5	30				
5173 / 1 / C / Storage area without filter		14:21	151.3	3.0	7.0	2.2	44				
5173 / 1 / A / Office area ambient air with filter	8/15/2013	12:52	0.0	20.8	0.0	0.0	0	40s - 70s	None		
5173 / 1 / A / Office area ambient air without filter		12:52	0.0	20.8	0.0	0.0	0				
5173 / 1 / A / Office area with filter		13:51	0.3	19.3	2.2	0.0	0				
5173 / 1 / A / Office area without filter		13:51	0.3	19.2	1.4	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		12:50	0.0	20.8	0.1	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		12:50	0.0	20.9	0.0	0.0	0				
5173 / 1 / B / Firing Range with filter		13:45	1.8	6.4	11.4	0.0	0				
5173 / 1 / B / Firing Range without filter		13:45	1.8	6.6	11.7	0.0	0				
5173 / 1 / Storage area ambient air, with filter		12:54	0	20.8	0.0	0.0	0				
5173 / 1 / Storage area ambient air, without filter		12:54	0	20.8	0.0	0.0	0				
5173 / 1 / C / Storage area with filter		13:57	85.8	2.3	6.6	1.5	30				
5173 / 1 / C / Storage area without filter		13:57	85.8	2.8	6.7	2.0	40				
5173 / 1 / A / Office area ambient air with filter	8/22/2013	13:43	0.0	20.4	0.0	0.0	0	60s - 80s	Trace (0.06 in.)		
5173 / 1 / A / Office area ambient air without filter		13:43	0.0	20.4	0.0	0.0	0				
5173 / 1 / A / Office area with filter		14:53	0.0	18.9	1.4	0.0	0				
5173 / 1 / A / Office area without filter		14:53	0.0	18.9	1.4	0.0	0				
5173 / 1 / B / Firing Range ambient air with filter		13:40	0.0	20.4	0.0	0.0	0				
5173 / 1 / B / Firing Range ambient air without filter		13:40	0.0	20.4	0.0	0.0	0				
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation									
5173 / 1 / Storage area ambient air, with filter		13:41	0	20.3	0.0	0.0	0				
5173 / 1 / Storage area ambient air, without filter		13:41	0	20.3	0.1	0.0	0				
5173 / 1 / C / Storage area with filter		15:00	91.2	1.6	7.0	1.4	28				
5173 / 1 / C / Storage area without filter		15:00	91.2	1.8	7.0	2.2	45				

TABLE 1

**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>			
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>						
5173 / 1 / A / Office area ambient air with filter	8/27/2013	13:28	0.0	20.5	0.0	0.0	70s - 80s	None				
5173 / 1 / A / Office area ambient air without filter		13:28	0.0	20.5	0.0	0.0						
5173 / 1 / A / Office area with filter		14:30	1.9	19.2	1.6	0.0						
5173 / 1 / A / Office area without filter		14:30	1.9	19.1	1.2	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:25	0.0	20.5	0.1	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:25	0.0	20.5	0.0	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		13:27	0.1	20.4	0.1	0.0						
5173 / 1 / Storage area ambient air, without filter		13:27	0.1	20.4	0.0	0.0						
5173 / 1 / C / Storage area with filter		14:35	91.4	3.1	6.4	1.5	29					
5173 / 1 / C / Storage area without filter		14:35	91.4	2.0	7.0	2.6	51					
5173 / 1 / A / Office area ambient air with filter	9/5/2013	15:09	-	21.0	0.0	0.0	50s - 80s	None				
5173 / 1 / A / Office area ambient air without filter		15:09	-	21.1	0.0	0.0						
5173 / 1 / A / Office area with filter		15:32	1.0	19.2	1.1	0.0						
5173 / 1 / A / Office area without filter		15:32	1.0	19.1	1.2	0.0						
5173 / 1 / B / Firing Range ambient air with filter		15:00	-	20.2	0.0	0.0						
5173 / 1 / B / Firing Range with filter		15:40	1.5	6.4	11.2	0.0						
5173 / 1 / B / Firing Range without filter		15:40	1.5	6.6	11.6	0.0						
5173 / 1 / Storage area ambient air, with filter		15:16	-	20.7	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		15:16	0	2.8	0.0	0.0						
5173 / 1 / C / Storage area with filter		15:46	85	2.3	6.9	1.6	33					
5173 / 1 / C / Storage area without filter		15:46	85	2.3	6.8	2.2	45					
5173 / 1 / A / Office area ambient air with filter	9/12/2013	14:42	0.0	21.0	0.0	0.0	60s-80s	0.29 inches				
5173 / 1 / A / Office area ambient air without filter		14:42	0.0	21.0	0.0	0.0						
5173 / 1 / A / Office area with filter		17:35	0.3	20.0	0.7	0.0						
5173 / 1 / A / Office area without filter		17:35	0.3	19.9	1.0	0.0						
5173 / 1 / B / Firing Range ambient air with filter		14:55	0.0	21.1	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		14:55	0.0	21.1	0.0	0.0						
5173 / 1 / B / Firing Range with filter		17:40	0.0	6.8	11.4	0.0						
5173 / 1 / B / Firing Range without filter		17:40	0.0	6.8	11.7	0.0						
5173 / 1 / Storage area ambient air, with filter		15:04	0	20.8	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		15:04	0	20.8	0.0	0.0						
5173 / 1 / C / Storage area with filter	9/20/2013	17:43	83.4	2.4	7.0	1.7	33	0.6 inches	1009 - 1013			
5173 / 1 / C / Storage area without filter		17:43	83.4	2.4	6.9	2.3	46					
5173 / 1 / A / Office area ambient air with filter		13:28	0.0	20.7	0.0	0.0						
5173 / 1 / A / Office area ambient air without filter		13:28	0.0	20.7	0.0	0.0						
5173 / 1 / A / Office area with filter		14:20	0.4	18.7	1.0	0.0						
5173 / 1 / A / Office area without filter		14:20	0.4	18.6	1.2	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:36	0.0	20.9	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:36	0.0	20.9	0.0	0.0						
5173 / 1 / B / Firing Range with filter		14:24	1.2	6.5	10.6	0.0						
5173 / 1 / B / Firing Range without filter		14:24	1.2	6.5	10.9	0.0						
5173 / 1 / Storage area ambient air, with filter	9/24/2013	13:44	0.2	20.9	0.0	0.0	40s - 70s	None	1016 - 1018			
5173 / 1 / Storage area ambient air, without filter		13:44	0.2	20.9	0.0	0.0						
5173 / 1 / C / Storage area with filter		14:29	88.9	2.0	6.3	1.4	28					
5173 / 1 / C / Storage area without filter		14:29	88.9	2.1	6.1	1.9	38					
5173 / 1 / A / Office area ambient air with filter		13:43	0.0	20.8	0.0	0.0						
5173 / 1 / A / Office area ambient air without filter		13:43	0.0	20.9	0.0	0.0						
5173 / 1 / A / Office area with filter		14:44	0.3	18.1	1.4	0.0						
5173 / 1 / A / Office area without filter		14:44	0.3	18.0	1.5	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:40	0.0	20.8	0.1	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:40	0.0	20.8	0.0	0.0						
5173 / 1 / B / Firing Range with filter	10/3/2013	14:38	1.2	6.7	10.0	0.0	60s - 70s	0.27 inches	1015 - 1022			
5173 / 1 / B / Firing Range without filter		14:38	1.2	6.7	10.6	0.0						
5173 / 1 / Storage area ambient air, with filter		13:41	0	20.8	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:41	0	20.8	0.1	0.0						
5173 / 1 / C / Storage area with filter		14:49	113.7	2.0	5.7	1.6	31					
5173 / 1 / C / Storage area without filter		14:49	113.7	2.0	5.9	2.1	41					
5173 / 1 / A / Office area ambient air with filter		13:03	0.0	20.8	0.0	0.0						
5173 / 1 / A / Office area ambient air without filter		13:03	0.0	20.8	0.0	0.0						
5173 / 1 / A / Office area with filter		13:39	0.0	17.9	2.5	0.0						
5173 / 1 / A / Office area without filter		13:39	0.0	17.9	1.6	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		13:18	0	20.9	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:18	0	21.0	0.0	0.0						
5173 / 1 / C / Storage area with filter		13:41	121.1	1.7	5.2	1.5	28					
5173 / 1 / C / Storage area without filter		13:41	121.1	1.8	5.9	2.0	40					

TABLE 1

**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>			
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>						
5173 / 1 / A / Office area ambient air with filter	10/10/2013	13:26	0.0	20.8	0.0	0.0	40s - 70s	None	1020 - 1022			
5173 / 1 / A / Office area ambient air without filter		13:26	0.0	20.9	0.0	0.0						
5173 / 1 / A / Office area with filter		13:56	0.6	16.2	1.5	0.0						
5173 / 1 / A / Office area without filter		13:56	0.6	16.2	1.8	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:03	0.0	20.8	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:03	0.0	20.8	0.0	0.0						
5173 / 1 / B / Firing Range with filter		14:01	1.3	6.0	9.7	0.0						
5173 / 1 / B / Firing Range without filter		14:01	1.3	5.8	10.4	0.0						
5173 / 1 / Storage area ambient air, with filter		13:13	0.05	20.6	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:13	0.05	20.6	0.0	0.0						
5173 / 1 / C / Storage area with filter	10/17/2013	14:12	91.55	2.4	5.6	1.4	28	0.1 inches	1011 - 1014			
5173 / 1 / C / Storage area without filter		14:12	91.55	1.8	5.2	1.9	39					
5173 / 1 / A / Office area ambient air with filter	10/24/2013	13:14	0.0	20.7	0.1	0.0	40s - 50s	Trace (0.02 inches)	1015 - 1025			
5173 / 1 / A / Office area ambient air without filter		13:14	0.0	20.7	0.1	0.0						
5173 / 1 / A / Office area with filter		14:53	0.5	16.4	2.5	0.0						
5173 / 1 / A / Office area without filter		14:53	0.5	16.3	2.2	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		13:20	0	20.8	0.1	0.0						
5173 / 1 / Storage area ambient air, without filter		13:20	0	20.8	0.0	0.0						
5173 / 1 / C / Storage area with filter		14:58	138.6	2.4	4.9	1.4	28					
5173 / 1 / C / Storage area without filter		14:58	138.6	2.2	5.2	1.9	38					
5173 / 1 / A / Office area ambient air with filter		12:26	0.0	21.0	0.1	0.0						
5173 / 1 / A / Office area ambient air without filter	10/31/2013	12:26	0.0	20.9	0.0	0.0	60s	1.25 inches	1000 - 1010			
5173 / 1 / A / Office area with filter		13:50	3.6	16.2	1.3	0.0						
5173 / 1 / A / Office area without filter		13:50	3.6	16.0	2.6	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		12:43	0	21.2	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		12:43	0	21.4	0.0	0.0						
5173 / 1 / C / Storage area with filter		13:54	223	4.3	2.5	1.0	20					
5173 / 1 / C / Storage area without filter		13:54	223	4.9	4.2	1.3	25					
5173 / 1 / A / Office area ambient air with filter		13:36	0.0	21.1	0.1	0.0						
5173 / 1 / A / Office area ambient air without filter		13:36	0.0	21.1	0.1	0.0						
5173 / 1 / A / Office area with filter	11/7/2013	15:17	1.5	16.6	3.0	0.0	40s	Trace (0.04 inches)	1020 - 1025			
5173 / 1 / A / Office area without filter		15:17	1.5	16.8	2.0	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:13	0.0	21.1	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:13	0.0	21.0	0.0	0.0						
5173 / 1 / B / Firing Range with filter		15:21	1.9	10.3	6.6	0.0						
5173 / 1 / B / Firing Range without filter		15:21	1.9	10.3	7.0	0.0						
5173 / 1 / Storage area ambient air, with filter		13:26	0.3	21.1	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:26	0.3	21.0	0.0	0.0						
5173 / 1 / C / Storage area with filter		15:26	103.3	7.4	3.7	0.7	14					
5173 / 1 / C / Storage area without filter		15:26	103.3	7.4	3.2	1.0	19					
5173 / 1 / A / Office area ambient air with filter	11/12/2013	12:48	0.0	20.9	0.1	0.0	20s - 30s	Trace (0.05 inches)	1030 - 1036			
5173 / 1 / A / Office area ambient air without filter		12:48	0.0	21.0	0.1	0.0						
5173 / 1 / A / Office area with filter		14:04	1.5	15.3	3.4	0.0						
5173 / 1 / A / Office area without filter		14:04	1.5	15.2	3.4	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		12:51	0	21.0	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		12:51	0	21.0	0.0	0.0						
5173 / 1 / C / Storage area with filter		14:09	112.3	3.0	3.7	1.0	20					
5173 / 1 / C / Storage area without filter		14:09	112.3	3.0	4.2	1.3	26					
5173 / 1 / A / Office area ambient air with filter		12:48	0.0	21.1	0.0	0.0						

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**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>			
5173 / 1 / A / Office area ambient air with filter	11/20/2013	14:31	0.0	21.2	0.0	0.0	20s - 40s	None	1023 - 1026
5173 / 1 / A / Office area ambient air without filter		14:31	0.0	21.2	0.0	0.0			
5173 / 1 / A / Office area with filter		14:45	0.0	15.5	3.0	0.0			
5173 / 1 / A / Office area without filter		14:45	0.0	15.2	3.4	0.0			
5173 / 1 / B / Firing Range ambient air with filter		14:42	0.0	21.2	0.0	0.0			
5173 / 1 / B / Firing Range ambient air without filter		14:42	0.0	21.2	0.0	0.0			
5173 / 1 / B / Firing Range with filter		14:47	0.0	6.7	8.1	0.0			
5173 / 1 / B / Firing Range without filter		14:47	0.0	6.4	9.3	0.0			
5173 / 1 / Storage area ambient air, with filter		14:35	0.0	21.1	0.1	0.0			
5173 / 1 / Storage area ambient air, without filter		14:35	0.0	21.1	0.0	0.0			
5173 / 1 / C / Storage area with filter		14:49	133.9	3.2	4.3	0.9			
5173 / 1 / C / Storage area without filter		14:49	133.9	2.8	3.7	1.3			
5173 / 1 / A / Office area ambient air with filter	11/26/2013	14:10	0.0	21.1	0.0	0.0	30s	Trace (0.01 inches)	1013 - 1019
5173 / 1 / A / Office area ambient air without filter		14:10	0.0	21.1	0.0	0.0			
5173 / 1 / A / Office area with filter		14:45	0.0	14.6	4.7	0.0			
5173 / 1 / A / Office area without filter		14:45	0.0	14.8	3.8	0.0			
5173 / 1 / B / Firing Range ambient air with filter		14:15	0.0	20.9	0.1	0.0			
5173 / 1 / B / Firing Range ambient air without filter		14:15	0.0	21.0	0.1	0.0			
5173 / 1 / B / Firing Range with filter		14:51	0.0	6.5	8.8	0.0			
5173 / 1 / B / Firing Range without filter		14:51	0.0	6.6	9.1	0.0			
5173 / 1 / Storage area ambient air, with filter		13:56	0.0	21.1	0.0	0.0			
5173 / 1 / Storage area ambient air, without filter		13:56	0.0	21.2	0.0	0.0			
5173 / 1 / C / Storage area with filter		14:57	90.7	2.3	4.2	1.0			
5173 / 1 / C / Storage area without filter		14:57	90.7	2.2	3.5	1.3			
5173 / 1 / A / Office area ambient air with filter	12/5/2013	13:33	0.1	21.8	0.0	0.0	30s - 40s	0.07 inches	1013 - 1016
5173 / 1 / A / Office area ambient air without filter		13:33	0.1	21.7	0.1	0.0			
5173 / 1 / A / Office area with filter		15:07	1.2	14.8	3.6	0.0			
5173 / 1 / A / Office area without filter		15:07	1.2	14.8	4.0	0.0			
5173 / 1 / B / Firing Range ambient air with filter		14:14	0.0	21.4	0.1	0.0			
5173 / 1 / B / Firing Range ambient air without filter		14:14	0.0	21.5	0.1	0.0			
5173 / 1 / B / Firing Range with filter		14:59	1.9	6.6	8.9	0.0			
5173 / 1 / B / Firing Range without filter		14:59	1.9	6.6	9.4	0.0			
5173 / 1 / Storage area ambient air, with filter		13:25	0.3	21.5	0.0	0.0			
5173 / 1 / Storage area ambient air, without filter		13:25	0.3	21.7	0.0	0.0			
5173 / 1 / C / Storage area with filter		15:11	189.7	2.8	3.5	0.9			
5173 / 1 / C / Storage area without filter		15:11	189.7	2.7	3.5	1.3			
5173 / 1 / A / Office area ambient air with filter	12/12/2013	13:59	0.0	21.0	0.1	0.0	15 - 20	None	1030 - 1036
5173 / 1 / A / Office area ambient air without filter		13:59	0.0	21.1	0.1	0.0			
5173 / 1 / A / Office area with filter		15:52	0.6	18.8	2.5	0.0			
5173 / 1 / A / Office area without filter		15:52	0.6	19.2	1.4	0.0			
5173 / 1 / B / Firing Range ambient air with filter		14:18	0.0	21.2	0.1	0.0			
5173 / 1 / B / Firing Range ambient air without filter		14:18	0.0	21.3	0.0	0.0			
5173 / 1 / B / Firing Range with filter			1.6	6.8	8.3	0.0			
5173 / 1 / B / Firing Range without filter			1.6	6.5	9.3	0.0			
5173 / 1 / Storage area ambient air, with filter		14:33	0.0	21.5	0.1	0.0			
5173 / 1 / Storage area ambient air, without filter		14:33	0.0	21.5	0.0	0.0			
5173 / 1 / C / Storage area with filter		15:57	96.2	8.8	2.9	0.3			
5173 / 1 / C / Storage area without filter		15:57	96.2	8.7	2.7	0.5			
5173 / 1 / A / Office area ambient air with filter	12/19/2013	14:36	0.0	21.6	0.0	0.0	30s - 40s	None	1016 - 1018
5173 / 1 / A / Office area ambient air without filter		14:36	0.0	21.5	0.1	0.0			
5173 / 1 / A / Office area with filter		15:00	0.6	20.8	0.5	0.0			
5173 / 1 / A / Office area without filter		15:00	0.6	20.7	0.6	0.0			
5173 / 1 / B / Firing Range ambient air with filter		14:39	0.0	21.6	0.0	0.0			
5173 / 1 / B / Firing Range ambient air without filter		14:39	0.0	21.6	0.0	0.0			
5173 / 1 / B / Firing Range with filter		15:05	0.0	9.0	7.8	0.0			
5173 / 1 / B / Firing Range without filter		15:05	0.0	9.1	8.3	0.0			
5173 / 1 / Storage area ambient air, with filter		14:23	0.0	21.3	0.0	0.0			
5173 / 1 / Storage area ambient air, without filter		14:23	0.0	21.3	0.0	0.0			
5173 / 1 / C / Storage area with filter		15:08	116.3	11.8	1.3	0.1			
5173 / 1 / C / Storage area without filter		15:08	116.3	11.7	1.8	0.2			

TABLE 1

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**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>			
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>						
5173 / 1 / A / Office area ambient air with filter	12/23/2013	12:46	0.0	21.5	0.0	0.0	20s - 30s	Trace (0.02 inches)	1026 - 1029			
5173 / 1 / A / Office area ambient air without filter		12:46	0.0	21.5	0.0	0.0						
5173 / 1 / A / Office area with filter		13:04	0.0	16.4	4.0	0.0						
5173 / 1 / A / Office area without filter		13:04	0.0	16.5	2.7	0.0						
5173 / 1 / B / Firing Range ambient air with filter		12:41	0.0	21.6	0.1	0.0						
5173 / 1 / B / Firing Range ambient air without filter		12:41	0.0	21.6	0.0	0.0						
5173 / 1 / B / Firing Range with filter		13:10	0.4	11.0	7.0	0.0						
5173 / 1 / B / Firing Range without filter		13:10	0.4	10.6	8.3	0.0						
5173 / 1 / Storage area ambient air, with filter		12:43	0.0	21.6	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		12:43	0.0	21.6	0.0	0.0						
5173 / 1 / C / Storage area with filter		13:15	126.8	13.2	2.9	0.2						
5173 / 1 / C / Storage area without filter		13:15	126.8	13.4	1.8	0.2						
5173 / 1 / A / Office area ambient air with filter	1/2/2014	15:48	0.0	22.0	0.0	0.0	20 - 30	5.46 inches	1012 - 1026			
5173 / 1 / A / Office area ambient air without filter		15:48	0.0	22.0	0.1	0.0						
5173 / 1 / A / Office area with filter		16:25	0.8	21.2	0.2	0.0						
5173 / 1 / A / Office area without filter		16:25	0.8	21.1	0.4	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		15:42	0.0	21.5	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		15:42	0.0	21.7	0.0	0.0						
5173 / 1 / C / Storage area with filter		16:28	86.4	15.0	0.5	0.0						
5173 / 1 / C / Storage area without filter		16:28	86.4	14.7	1.4	0.1						
5173 / 1 / A / Office area ambient air with filter	1/9/2014	13:35	0.0	21.2	0.0	0.0	20s - 30s	1.55 inches	1026 - 1035			
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.3	0.1	0.0						
5173 / 1 / A / Office area with filter		14:56	3.3	20.7	1.8	0.0						
5173 / 1 / A / Office area without filter		14:56	3.3	21.0	0.2	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:31	0.0	21.2	0.0	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:31	0.0	21.2	0.0	0.0						
5173 / 1 / B / Firing Range with filter		Inaccessible due to Firing Range operation										
5173 / 1 / B / Firing Range without filter		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		13:33	0.0	21.1	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:33	0.0	21.2	0.0	0.0						
5173 / 1 / C / Storage area with filter		15:00	81.4	10.2	0.8	0.1						
5173 / 1 / C / Storage area without filter		15:00	81.4	9.8	1.4	0.2						
5173 / 1 / A / Office area ambient air with filter	1/16/2014	12:34	0.0	21.1	0.0	0.0	20s - 30s	0.97 inches	1008 - 1019			
5173 / 1 / A / Office area ambient air without filter		12:34	0.0	21.0	0.0	0.0						
5173 / 1 / A / Office area with filter		13:13	2.1	21.0	0.4	0.0						
5173 / 1 / A / Office area without filter		13:13	2.1	20.9	0.1	0.0						
5173 / 1 / B / Firing Range ambient air with filter		12:36	0.0	20.9	0	0						
5173 / 1 / B / Firing Range ambient air without filter		12:36	0.0	20.9	0	0						
5173 / 1 / B / Firing Range with filter		Inaccessible due to Firing Range operation										
5173 / 1 / B / Firing Range without filter		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		12:37	0.0	20.9	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		12:37	0.0	20.9	0.1	0.0						
5173 / 1 / C / Storage area with filter		13:20	96.1	14.7	1.0	0.1						
5173 / 1 / C / Storage area without filter		13:20	96.1	14.6	1.5	0.2						
5173 / 1 / A / Office area ambient air with filter	1/23/2014	12:13	0.0	21.5	0.0	0.0	5 - 15	Trace	1019 - 1038			
5173 / 1 / A / Office area ambient air without filter		12:13	0.0	21.5	0.0	0.0						
5173 / 1 / A / Office area with filter		13:20	2.6	21.2	0.8	0.0						
5173 / 1 / A / Office area without filter		13:20	2.6	21.3	0.1	0.0						
5173 / 1 / B / Firing Range ambient air with filter		12:10	0.0	21.4	0.1	0						
5173 / 1 / B / Firing Range ambient air without filter		12:10	0.0	21.4	0	0						
5173 / 1 / B / Firing Range with filter		13:13	3.4	18.8	5.3	0.0						
5173 / 1 / B / Firing Range without filter		13:13	3.4	18.7	4.7	0.0						
5173 / 1 / Storage area ambient air, with filter		12:12	0.0	21.4	0.1	0.0						
5173 / 1 / Storage area ambient air, without filter		12:12	0.0	21.4	0.0	0.0						
5173 / 1 / C / Storage area with filter		13:27	72.8	15.8	0.5	0.1						
5173 / 1 / C / Storage area without filter		13:27	72.8	15.7	1.2	0.2						
5173 / 1 / A / Office area ambient air with filter	1/28/2014	13:35	0.0	21.8	0.1	0.0	5	None	1030 - 1033			
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.8	0.1	0.0						
5173 / 1 / A / Office area with filter		14:35	0.0	21.1	0.3	0.0						
5173 / 1 / A / Office area without filter		14:35	0.0	21.1	0.1	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:15	0.1	21.3	0	0						
5173 / 1 / B / Firing Range ambient air without filter		13:15	0.1	21.4	0	0						
5173 / 1 / B / Firing Range with filter		14:44	0.0	18.8	3.5	0.0						
5173 / 1 / B / Firing Range without filter		14:44	0.0	18.8	4.2	0.0						
5173 / 1 / Storage area ambient air, with filter		13:19	0.0	21.4	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:19	0.0	21.5	0.0	0.0						
5173 / 1 / C / Storage area with filter		14:50	60.9	15.5	0.7	0.1						
5173 / 1 / C / Storage area without filter		14:50	60.9	15.0	1.2	0.2						

TABLE 1

**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>			
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>						
5173 / 1 / A / Office area ambient air with filter	2/6/2014	13:10	0.0	21.1	0.1	0.0	15 - 25	0.3 inches	1029 - 1032			
5173 / 1 / A / Office area ambient air without filter		13:10	0.0	21.0	0.0	0.0						
5173 / 1 / A / Office area with filter		14:00	2.3	21.2	0.1	0.0						
5173 / 1 / A / Office area without filter		14:00	2.3	21.1	0.1	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:12	0.0	20.9	0.1	0						
5173 / 1 / B / Firing Range ambient air without filter		13:12	0.0	20.9	0	0						
5173 / 1 / B / Firing Range with filter		Inaccessible due to Firing Range operation										
5173 / 1 / B / Firing Range without filter		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		13:14	0.0	21.0	0.1	0.0						
5173 / 1 / Storage area ambient air, without filter		13:14	0.0	21.1	0.1	0.0						
5173 / 1 / C / Storage area with filter		14:10	105.9	16.9	1.0	0.1						
5173 / 1 / C / Storage area without filter		14:10	105.9	16.8	1.2	0.1						
5173 / 1 / A / Office area ambient air with filter	2/13/2014	13:48	0.0	21.2	0.0	0.0	25 - 35	None	1003 - 1018			
5173 / 1 / A / Office area ambient air without filter		13:48	0.0	21.3	0.1	0.0						
5173 / 1 / A / Office area with filter		15:30	1.8	20.9	2.4	0.0						
5173 / 1 / A / Office area without filter		15:30	1.8	21.2	0.0	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:40	0.0	21.1	0.1	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:40	0.0	21.3	0.0	0.0						
5173 / 1 / B / Firing Range with filter		15:25	4.1	19.2	2.5	0.0						
5173 / 1 / B / Firing Range without filter		15:25	4.1	19.1	3.1	0.0						
5173 / 1 / Storage area ambient air, with filter		9:43	0.0	21.0	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		9:43	0.0	21.0	0.0	0.0						
5173 / 1 / C / Storage area with filter		9:55	117.4	15.9	0.8	0.1						
5173 / 1 / C / Storage area without filter		9:55	117.4	15.8	1.2	0.1						
5173 / 1 / A / Office area ambient air with filter	2/20/2014	13:43	0.0	20.8	0.0	0.0	35 - 40	None	1010 - 1014			
5173 / 1 / A / Office area ambient air without filter		13:43	0.0	20.7	0.0	0.0						
5173 / 1 / A / Office area with filter		14:25	0.4	20.5	0.8	0.0						
5173 / 1 / A / Office area without filter		14:25	0.4	20.8	0.0	0.0						
5173 / 1 / B / Firing Range ambient air with filter		13:44	0.0	20.7	0.1	0.0						
5173 / 1 / B / Firing Range ambient air without filter		13:44	0.0	20.7	0.0	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		13:45	0.0	20.7	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:45	0.0	20.7	0.1	0.0						
5173 / 1 / C / Storage area with filter		14:32	63.4	16.5	1.0	0.0						
5173 / 1 / C / Storage area without filter		14:32	63.4	16.5	1.2	0.1						
5173 / 1 / A / Office area ambient air with filter	2/27/2014	12:56	0.0	21.2	0.0	0.0	15 - 25	Trace	1008 - 1024			
5173 / 1 / A / Office area ambient air without filter		12:56	0.0	21.2	0.0	0.0						
5173 / 1 / A / Office area with filter		13:25	0.9	21.1	0.0	0.0						
5173 / 1 / A / Office area without filter		13:25	0.9	21.1	0.1	0.0						
5173 / 1 / B / Firing Range ambient air with filter		12:54	0.0	21.3	0.1	0.0						
5173 / 1 / B / Firing Range ambient air without filter		12:54	0.0	21.3	0.0	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		12:52	0.0	21.2	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		12:52	0.0	21.3	0.1	0.0						
5173 / 1 / C / Storage area with filter		13:32	64.0	16.5	2.3	0.1						
5173 / 1 / C / Storage area without filter		13:32	64.0	16.6	1.1	0.2						
5173 / 1 / A / Office area ambient air with filter	3/6/2014	13:40	0.0	20.9	0.0	0.0	35 - 45	None	1020 - 1029			
5173 / 1 / A / Office area ambient air without filter		13:40	0.0	20.9	0.0	0.0						
5173 / 1 / A / Office area with filter		14:40	0.2	20.7	0.3	0.0						
5173 / 1 / A / Office area without filter		14:40	0.2	20.6	0.2	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		13:50	0.0	20.9	0.0	0.0						
5173 / 1 / Storage area ambient air, without filter		13:50	0.0	20.9	0.0	0.0						
5173 / 1 / C / Storage area with filter		15:00	57.1	16.0	1.2	0.1						
5173 / 1 / C / Storage area without filter		15:00	57.1	15.8	1.2	0.1						
5173 / 1 / A / Office area ambient air with filter	4/2/2014	12:44	0.0	21.4	0.1	0.0	50s	Trace (0.15 inches)	1020			
5173 / 1 / A / Office area ambient air without filter		12:44	0.0	21.4	0.0	0.0						
5173 / 1 / A / Office area with filter		1.0	21.4	0.1	0.0	0						
5173 / 1 / A / Office area without filter		1.0	21.4	0.0	0.0	0						
5173 / 1 / B / Firing Range ambient air with filter		12:42	0.1	21.4	0.1	0.0						
5173 / 1 / B / Firing Range ambient air without filter		12:42	0.1	21.4	0.1	0.0						
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation										
5173 / 1 / Storage area ambient air, with filter		12:40	0.1	21.3	0.2	0.0						
5173 / 1 / Storage area ambient air, without filter		12:40	0.1	21.3	0.1	0.0						
5173 / 1 / C / Storage area with filter		65.3	16.3	1.2	0.1	1						
5173 / 1 / C / Storage area without filter		65.3	16.4	1.0	0.1	2						

TABLE 1

**VAPOR INTRUSION SAMPLING VALUES  
PARCEL 5173 BUILDING 15 - SIM TRAINER  
2031 DRYDEN ROAD  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location: Parcel / Building / Probe</b>	<b>Date:</b>	<b>PID</b>	<b>O<sub>2</sub></b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>LEL</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>
		<b>Time</b>	<b>(ppm)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>			
5173 / 1 / A / Office area ambient air with filter	5/8/2014 <sup>[3]</sup>	15:05	0.0	20.6	0.0	0.0	75-85	None	1013-1017
5173 / 1 / A / Office area ambient air without filter		15:05	0.0	20.6	0.0	0.0			
5173 / 1 / A / Office area with filter		15:55	0.1	20.5	0.0	0.0			
5173 / 1 / A / Office area without filter		15:55	0.1	20.5	0.0	0.0			
5173 / 1 / B / Firing Range ambient air with filter		14:50	0.0	19.9	0.0	0.0			
5173 / 1 / B / Firing Range ambient air without filter		14:50	0.0	20.0	0.0	0.0			
5173 / 1 / B / Firing Range with filter		15:49	2.0	18.1	1.9	0.0			
5173 / 1 / B / Firing Range without filter		15:49	2.0	18.1	2.1	0.0			
5173 / 1 / Storage area ambient air, with filter		14:57	0.0	20.3	0.0	0.0			
5173 / 1 / Storage area ambient air, without filter		14:57	0.0	20.3	0.0	0.0			
5173 / 1 / C / Storage area with filter		15:58	51.1	18.2	0.8	0.0			
5173 / 1 / C / Storage area without filter		15:58	51.1	18.2	1.2	0.0			

Notes:

<sup>1</sup> - The explosive gas monitor baseline reading was 1 percent LEL. The meter did not zero for LEL readings and the corresponding methane readings were 0 percent; therefore, the readings of 1 percent are anomalous.

2 - Combustible Gas measurements from SIM Trainer were not collected during the week of February 20th, due to range closure.

[3] - CO<sub>2</sub> readings started at 0.1 ppm.

R - Value was rejected (R) as the LEL reading did not correspond to the methane reading of 0 percent.

PID - Photoionization Detector

O<sub>2</sub> - Oxygen

CO<sub>2</sub> - Carbon Dioxide

CH<sub>4</sub> - Methane

LEL - Lower Explosive Limit

U - Qualified as non-detect due to issues with the filter

**Value** - Value is greater than screening levels for rapid response (USEPA, 2010).

TABLE 2

**GP-2 FIELD MONITORING VALUES**  
**SOUTH DAYTON DUMP AND LANDFILL SITE**  
**MORaine, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> <sup>[2]</sup> (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>	<b>Water Levels (ft BTOR)</b>
GP-2 (12') without filter	11/9/2012	13:54	--	4.1	10.6	0.0	0	30s - 40s	none		
GP-2 (12') with filter		--	--	5.6	9.1	0.0	0				
GP-2 (16') without filter		--	--	2.0	11.6	0.0	0				
GP-2 (16') with filter		--	--	4.6	10.0	0.0	0				
GP-2 (12') without filter	11/15/2012	15:04	0.0	2.4	10.8	0.0	0	30s - 40s	none		
GP-2 (12') with filter		--	0.0	2.3	10.3	0.0	0				
GP-2 (16') without filter		15:09	0.0	1.0	11.8	0.0	0				
GP-2 (16') with filter		--	0.0	0.9	11.4	0.0	0				
GP-2 (12') without filter	11/20/2012	14:35	0.0	2.2	11.3	0.0	0	50s	Trace		
GP-2 (12') with filter		--	0.0	2.1	11.0	0.0	0				
GP-2 (16') without filter		14:40	0.0	0.9	12.1	0.0	0				
GP-2 (16') with filter		--	0.0	0.8	11.9	0.0	0				
GP-2 (12') without filter	11/29/2012	13:53	0.0	4.3	11.0	0.0	0	40s - 50s	none		
GP-2 (12') with filter		--	0.0	4.7	11.2	0.0	0				
GP-2 (16') without filter		13:58	0.0	2.1	12.1	0.0	0				
GP-2 (16') with filter		13:58	0.0	2.0	11.9	0.0	0				
GP-2 (12') without filter	12/4/2012	16:03	0.0	6.6	9.6	0.0	0	50s	rainy (~0.3 inches)		
GP-2 (12') with filter		--	0.0	6.7	8.5	0.0	0				
GP-2 (16') without filter		16:08	--	6.1	10.3	0.0	0				
GP-2 (16') with filter		--	--	6.4	9.2	0.0	0				
GP-2 (12') without filter	12/13/2012	13:44	0.0	6.6	9.7	0.0	0	40s	none		
GP-2 (12') with filter		--	0.0	6.9	9.3	0.1 U	2 U				
GP-2 (16') without filter		13:39	0.0	3.7	11.8	0.0	0				
GP-2 (16') with filter		--	0.0	4.1	10.2	0.1 U	2 U				
GP-2 (12') without filter	12/18/2012	13:30	0.0	8.2	9.2	0.0	0	40s	none		
GP-2 (12') with filter		--	0.0	8.1	8.9	0.0	1 <sup>[1]</sup>				
GP-2 (16') without filter		--	0.0	5.8	10.8	0.0	0				
GP-2 (16') with filter		--	0.0	5.7	10.4	0.0	1 <sup>[1]</sup>				
GP-2 (12') without filter	1/24/2013	15:34	0.0	19.9	2.6	0.0	0.0	20s	none		
GP-2 (12') with filter		15:34	0.0	18.6	2.2	0.0	0.0				
GP-2 (16') without filter		15:40	0.0	15.3	7.7	0.0	0.0				
GP-2 (16') with filter		15:40	0.0	16.9	1.6	0.0	0.0				
GP-2 (12') without filter	1/31/2013	13:50	0.0	17.5	5.0	0.0	0.0	10s - 20s	none		
GP-2 (12') with filter		13:50	0.0	17.1	4.2	0.0	0.0				
GP-2 (16') without filter		13:55	0.0	16.8	5.0	0.0	0.0				
GP-2 (16') with filter		13:55	0.0	17.2	3.4	0.0	0.0				

TABLE 2

**GP-2 FIELD MONITORING VALUES**  
**SOUTH DAYTON DUMP AND LANDFILL SITE**  
**MORaine, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> [2] (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>	<b>Water Levels (ft BTOR)</b>
GP-2 (12') without filter	2/7/2013	15:14	0.0	15.4	5.4	0.0	0.0	20s - 50s	none		
GP-2 (12') with filter		15:14	0.0	16.0	3.5	0.0	0.0				
GP-2 (16') without filter		15:17	0.0	15.0	6.4	0.0	0.0				
GP-2 (16') with filter		15:17	0.0	15.3	4.5	0.0	0.0				
GP-2 (12') without filter	2/12/2013	12:30	0.1	9.2	8.8	0.0	0.0	30s - 40s	none		
GP-2 (12') with filter		12:30	0.1	9.7	8.4	0.0	0.0				
GP-2 (16') without filter		12:45	0.0	7.5	9.1	0.0	0.0				
GP-2 (16') with filter		12:45	0.0	6.9	8.2	0.0	0.0				
GP-2 (12') without filter	2/21/2013	13:45	0.0	8.8	8.5	0.0	0.0	20s	trace		
GP-2 (12') with filter		13:45	0.0	9.1	8.0	0.0	0.0				
GP-2 (16') without filter		13:50	0.0	6.9	7.0	0.0	0.0				
GP-2 (16') with filter		13:50	0.0	7.0	6.7	0.0	0.0				
GP-2 (12') without filter	2/28/2013	12:45	0.0	15.8	4.9	0.0	0.0	30s - 40s	~1 inch		
GP-2 (12') with filter		12:45	0.0	15.8	5.1	0.0	0.0				
GP-2 (16') without filter		12:49	0.0	13.6	6.2	0.0	0.0				
GP-2 (16') with filter		12:49	0.0	13.5	6.2	0.0	0.0				
GP-2	3/7/2013	Inaccessible due to snow cover from road plow activity					30s	None			
GP-2 (12') without filter	3/14/2013	13:45	0.0	16.2	4.3	0.0	0.0	20s - 40s	None		
GP-2 (12') with filter		13:45	0.0	16.1	4.4	0.0	0.0				
GP-2 (16') without filter		13:53	0.0	13.9	6.1	0.0	0.0				
GP-2 (16') with filter		13:53	0.0	13.9	6.2	0.0	0.0				
GP-2 (12') without filter	3/21/2013	12:20	0.0	15.9	3.8	0.0	0.0	20s - 30s	Trace		
GP-2 (12') with filter		12:20	0.0	15.9	3.9	0.0	0.0				
GP-2 (16') without filter		12:26	0.0	14.2	5.7	0.0	0.0				
GP-2 (16') with filter		12:26	0.0	14.1	5.9	0.0	0.0				
GP-2 (12') without filter	3/28/2013	12:10	0.0	14.6	6.1	0.0	0.0	30s - 40s	None		
GP-2 (12') with filter		12:10	0.0	14.4	6.3	0.0	0.0				
GP-2 (16') without filter		12:15	0.0	12.9	7.4	0.0	0.0				
GP-2 (16') with filter		12:15	0.0	12.9	7.5	0.0	0.0				
GP-2 (12') without filter	4/4/2013	14:04	0.0	15.7	5.2	0.0	0.0	30s - 50s	None		
GP-2 (12') with filter		14:04	0.0	15.6	5.1	0.0	0.0				
GP-2 (16') without filter		14:11	0.0	13.8	6.0	0.0	0.0				
GP-2 (16') with filter		14:11	0.0	13.8	6.1	0.0	0.0				
GP-2 (12') without filter	4/9/2013	13:56	0.0	13.9	5.2	0.0	0.0	50s - 80s	None		
GP-2 (12') with filter		13:56	0.0	13.8	5.5	0.0	0.0				
GP-2 (16') without filter		14:03	0.0	12.2	5.9	0.0	0.0				
GP-2 (16') with filter		14:03	0.0	12.2	6.0	0.0	0.0				

TABLE 2

**GP-2 FIELD MONITORING VALUES**  
**SOUTH DAYTON DUMP AND LANDFILL SITE**  
**MORAINE, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> [2] (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>	<b>Water Levels (ft BTOR)</b>
GP-2 (12') without filter	4/18/2013	13:48	0.0	14.7	6.1	0.0	0.0	60s - 80s	None		
GP-2 (12') with filter		13:48	0.0	14.7	6.0	0.0	0.0				
GP-2 (16') without filter		13:54	0.0	13.2	7.4	0.0	0.0				
GP-2 (16') with filter		13:54	0.0	13.3	7.2	0.0	0.0				
GP-2 (12') without filter	4/23/2013	14:45	0.0	16.3	3.8	0.0	0.0	50s - 60s	None		
GP-2 (12') with filter		14:45	0.0	16.8	0.8	0.0	0.0				
GP-2 (16') without filter		14:48	0.0	15.9	4.2	0.0	0.0				
GP-2 (16') with filter		14:48	0.0	16.3	2.9	0.0	0.0				
GP-2 (12') without filter	4/30/2013	14:45	0.0	16.8	3.4	0.0	0.0	40s - 70s	None		
GP-2 (12') with filter		14:45	0.0	17.0	0.9	0.0	0.0				
GP-2 (16') without filter		14:50	0.0	16.3	3.9	0.0	0.0				
GP-2 (16') with filter		14:50	0.0	16.7	1.6	0.0	0.0				
GP-2 (12') without filter	5/9/2013	14:41	0.0	14.8	3.3	0.0	0.0	50s - 70s	None		
GP-2 (12') with filter		14:41	0.0	14.9	0.9	0.0	0.0				
GP-2 (16') without filter		14:45	0.0	14.1	3.8	0.0	0.0				
GP-2 (16') with filter		14:45	0.0	14.5	1.5	0.0	0.0				
GP-2 (12') without filter	5/16/2013	13:25	0.0	15.3	4.1	0.0	0.0	40s - 80s	~1 inch		
GP-2 (12') with filter		13:25	0.0	15.3	4.0	0.0	0.0				
GP-2 (16') without filter		13:32	0.0	13.9	4.8	0.0	0.0				
GP-2 (16') with filter		13:32	0.0	13.9	4.8	0.0	0.0				
GP-2 (12') without filter	5/21/2013	15:29	0.0	13.7	3.8	0.0	0.0	40s - 80s	~0.2 inch		
GP-2 (12') with filter		15:29	0.0	13.8	3.2	0.0	0.0				
GP-2 (16') without filter		15:32	0.0	12.7	4.5	0.0	0.0				
GP-2 (16') with filter		15:32	0.0	12.8	3.0	0.0	0.0				
GP-2 (12') without filter	5/30/2013	13:20	0.0	15.8	3.8	0.0	0.0	50s - 80s	~1.3 inch		
GP-2 (12') with filter		13:20	0.0	15.8	3.9	0.0	0.0				
GP-2 (16') without filter		13:25	0.0	13.1	5.1	0.0	0.0				
GP-2 (16') with filter		13:25	0.0	13.0	5.3	0.0	0.0				
GP-2 (12') without filter	6/6/2013	14:50	0.0	16.3	4.6	0.0	0.0	60s	0.25 inch		
GP-2 (12') with filter		14:50	0.0	16.2	4.9	0.0	0.0				
GP-2 (16') without filter		15:00	0.0	14.7	6.0	0.0	0.0				
GP-2 (16') with filter		15:00	0.0	14.7	6.2	0.0	0.0				
GP-2 (12') without filter	6/13/2013	16:05	0.0	8.2	5.4	0.0	0.0	60s - 80s	1.55 inch		
GP-2 (12') with filter		16:05	0.0	7.5	5.4	0.0	0.0				
GP-2 (16') without filter		16:10	--	5.2	6.6	0.0	0.0				
GP-2 (16') with filter		16:10	--	5.1	6.4	0.0	0.0				

TABLE 2

**GP-2 FIELD MONITORING VALUES**  
**SOUTH DAYTON DUMP AND LANDFILL SITE**  
**MORAINE, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> <sup>[2]</sup> (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>	<b>Water Levels (ft BTOR)</b>
GP-2 (12') without filter	6/20/2013	--	0.0	8.0	6.1	0.0	0.0	50s - 80s	None		
GP-2 (12') with filter		--	0.0	8.3	5.9	0.0	0.0				
GP-2 (16') without filter		--	--	5.3	6.5	0.0	0.0				
GP-2 (16') with filter		--	--	5.6	6.0	0.0	0.0				
GP-2 (12') without filter	6/27/2013	14:06	0.6	15.9	1.5	0.0	0.0	70s - 80s	Trace		
GP-2 (12') with filter		14:06	0.6	16.3	0.2	0.0	0.0				
GP-2 (16') without filter		14:11	43.6	3.7	2.6	1.6	30				
GP-2 (16') with filter		14:11	43.6	2.1	3.6	1.0	20				
GP-2 (12') without filter	7/3/2013	13:18	23.5	6.9	4.9	1.4	28	60s - 80s	Trace		
GP-2 (12') with filter		13:18	23.5	7.5	3.4	0.7	13				
GP-2 (16') without filter		13:22	59.6	1.9	7.1	5.8	>100				
GP-2 (16') with filter		13:22	59.6	1.6	6.9	1.8	36				
GP-2 (12') without filter	7/11/2013	14:45	40.4	4.0	6.5	6.5	>100	60s - 70s	None		
GP-2 (12') with filter		14:45	40.4	4.0	4.9	3.4	68				
GP-2 (16') without filter		14:51	55.6	4.6	6.2	11.2	>100				
GP-2 (16') with filter		14:51	55.6	3.9	5.0	2.2	44				
GP-2 (12') without filter	7/18/2013	14:35	20.4	17.7	1.2	0.5	10	70s - 90s	None		
GP-2 (12') with filter		14:35	20.4	17.7	1.0	0.2	5				
GP-2 (16') without filter		14:41	44.3	1.9	7.4	5.1	>100				
GP-2 (16') with filter		14:41	44.3	4.7	1.8	1.8	36				
GP-2 (12') without filter	7/25/2013	14:15	38.7	4.8	6.5	3.8	75	50s - 70s	None		
GP-2 (12') with filter		14:15	38.7	4.7	6.1	3.0	60				
GP-2 (16') without filter		14:20	48.3	4.4	7.9	4.0	80				
GP-2 (16') with filter		14:20	48.3	4.2	8.3	3.3	65				
GP-2 (12') without filter	8/1/2013	14:00	83.5	8.1	5.3	1.4	28	60s - 80s	None		
GP-2 (12') with filter		14:00	83.5	6.2	4.9	1.1	21				
GP-2 (16') without filter		14:05	89.8	4.1	7.3	2.8	55				
GP-2 (16') with filter		14:05	89.8	3.1	7.2	1.8	35				
GP-2 (12') without filter	8/6/2013	14:06	10.5	3.9	7.6	1.3	27	60s - 80s	None		
GP-2 (12') with filter		14:06	10.5	3.7	5.9	1.0	21				
GP-2 (16') without filter		14:10	31.6	4.3	7.4	2.5	51				
GP-2 (16') with filter		14:10	31.6	3.1	6.1	1.7	34				
GP-2 (12') without filter	8/15/2013	13:35	16.6	7.9	3.1	2.0	40	40s - 70s	None		
GP-2 (12') with filter		13:35	16.6	7.7	3.3	1.6	32				
GP-2 (16') without filter		13:40	20.6	1.5	6.2	2.2	44				
GP-2 (16') with filter		13:40	20.6	1.4	7.5	2.0	40				

TABLE 2

**GP-2 FIELD MONITORING VALUES  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORAINE, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> <sup>[2]</sup> (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>	<b>Water Levels (ft BTOR)</b>
GP-2 (12') without filter	8/22/2013	14:41	33.9	3.2	8.0	2.3	47	60s - 80s	Trace (0.06 in.)		
GP-2 (12') with filter		14:41	33.9	3.2	8.4	2.0	41				
GP-2 (16') without filter		14:45	55.0	1.8	8.5	4.3	87				
GP-2 (16') with filter		14:45	55.0	1.6	8.3	2.0	41				
GP-2 (12') without filter	8/27/2013	14:21	22.8	2.5	8.4	3.7	74	70s - 80s	None		
GP-2 (12') with filter		14:21	22.8	2.6	8.9	1.9	39				
GP-2 (16') without filter		14:26	39.5	2.3	8.7	7.9	>100				
GP-2 (16') with filter		14:26	39.5	2.2	9.0	6.1	>100				
GP-2 (12') without filter	9/5/2013	-	31.3	2.2	8.7	7.0	>100	50s - 80s	None		
GP-2 (12') with filter		-	31.3	2.3	6.9	3.0	58				
GP-2 (16') without filter		-	39.0	3.1	8.3	8.4	>100				
GP-2 (16') with filter		-	39.0	3.7	6.5	2.8	56				
GP-2	9/12/2013	Inaccessible due to high water/flood conditions						60s - 80s	0.29 inches		
GP-2 (12') without filter	9/20/2013		24.7	2.6	8.7	3.2	65	60s - 80s	0.6 inches	1009 - 1013	
GP-2 (12') with filter			24.7	2.1	8.1	1.8	34				
GP-2 (16') without filter			40.4	1.4	9.6	7.0	>100				
GP-2 (16') with filter			40.4	1.5	8.9	2.1	42				
GP-2 (12') without filter	9/24/2013	14:27	55.7	1.8	9.6	3.6	71	40s - 70s	None	1016 - 1018	
GP-2 (12') with filter		14:27	55.7	1.9	9.2	3.3	67				
GP-2 (16') without filter		14:33	68.4	1.5	10.0	4.3	86				
GP-2 (16') with filter		14:33	68.4	1.6	10.6	3.9	78				
GP-2 (12') without filter	10/3/2013	13:27	0.9	6.8	7.2	1.3	25	60s - 70s	0.27 inches	1015 - 1022	
GP-2 (12') with filter		13:27	0.9	6.9	5.8	1.1	17				
GP-2 (16') without filter		13:35	53.6	3.6	8.9	2.2	44				
GP-2 (16') with filter		13:35	53.6	3.3	7.5	1.4	27				
GP-2 (12') without filter	10/10/2013	13:41	18.6	0.7	10.3	1.9	38	40s - 70s	None	1020 - 1022	
GP-2 (12') with filter		13:41	18.6	0.5	10.2	1.3	27				
GP-2 (16') without filter		13:47	22.6	0.9	10.3	1.9	39				
GP-2 (16') with filter		13:47	22.6	1.7	9.0	1.2	25				
GP-2 (12') without filter	10/17/2013	14:46	22.8	1.2	10.5	1.4	28	40s - 50s	0.1 inches	1011 - 1014	MW-7: 18.56
GP-2 (12') with filter		14:46	22.8	7.5	6.8	0.8	16				MW-8: 18.70
GP-2 (16') without filter		14:50	23.1	1.3	10.6	1.5	29				MW-11: 20.31
GP-2 (16') with filter		14:50	23.1	1.5	10.1	1.2	23				MW-12: 20.39
GP-2 (12') without filter	10/24/2013	13:42	0.0	1.5	10.9	0.0	0	30s - 40s	Trace (0.02 inches)	1015 - 1025	MW-7: 18.69
GP-2 (12') with filter		13:42	0.0	1.6	10.2	0.0	0				MW-8: 18.83
GP-2 (16') without filter		13:47	5.6	4.6	9.6	0.0	0				MW-11: 20.66
GP-2 (16') with filter		13:47	5.6	4.9	8.6	0.0	0				MW-12: 20.44

TABLE 2

**GP-2 FIELD MONITORING VALUES**  
**SOUTH DAYTON DUMP AND LANDFILL SITE**  
**MORaine, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> [2] (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>	<b>Water Levels (ft BTOR)</b>
GP-2 (12') without filter	10/31/2013	15:07	0.0	6.3	8.2	0.0	0	60s	1.25 inches	1000 - 1010	MW-7: 18.71 MW-8: 18.87 MW-11: 20.69 MW-12: 20.47
GP-2 (12') with filter		15:07	0.0	6.4	7.3	0.0	0				
GP-2 (16') without filter		15:13	1.1	6.4	8.3	0.0	0				
GP-2 (16') with filter		15:13	1.1	6.7	7.5	0.0	0				
GP-2 (12') without filter	11/7/2013	13:45	0.0	4.6	9.5	0.0	0	40s	Trace (0.04 inches)	1020 - 1025	MW-7: 18.43 MW-8: 18.57 MW-11: 20.28 MW-12: 20.13
GP-2 (12') with filter		13:45	0.0	4.1	7.9	0.0	0				
GP-2 (16') without filter		13:51	0.0	2.6	10.7	0.0	0				
GP-2 (16') with filter		13:51	0.0	2.6	10.2	0.0	0				
GP-2 (12') without filter	11/12/2013	13:32	0.0	5.8	9.5	0.0	0	20s - 30s	Trace (0.05 inches)	1030 - 1036	MW-7: 18.28 MW-8: 18.37 MW-11: 20.02 MW-12: 19.86
GP-2 (12') with filter		13:32	0.0	6.2	8.6	0.0	0				
GP-2 (16') without filter		13:38	0.0	5.4	9.6	0.0	0				
GP-2 (16') with filter		13:38	0.0	5.3	8.6	0.0	0				
GP-2 (12') without filter	11/20/2013	14:10	0.0	4.5	10.1	0.0	0	20s - 40s	None	1023 - 1026	MW-7: 18.27 MW-8: 18.40 MW-11: 20.24 MW-12: 20.02
GP-2 (12') with filter		14:10	0.0	5.0	8.3	0.0	0				
GP-2 (16') without filter		14:15	0.0	3.5	10.4	0.0	0				
GP-2 (16') with filter		14:15	0.0	4.0	9.8	0.0	0				
GP-2 (12') without filter	11/26/2013	14:35	0.0	3.4	10.4	0.1	1	30s	Trace (0.01 inches)	1013 - 1019	MW-7: 18.10 MW-8: 18.25 MW-11: 20.07 MW-12: 19.85
GP-2 (12') with filter		14:35	0.0	3.4	9.5	0.0	0				
GP-2 (16') without filter		14:39	0.0	3.3	10.7	0.1	1				
GP-2 (16') with filter		14:39	0.0	3.3	10.6	0.1	1				
GP-2 (12') without filter	12/5/2013	14:44	0.0	6.5	9.7	0.0	0	30s - 40s	0.07 inches	1013 - 1016	MW-7: 18.38 MW-8: 18.52 MW-11: 20.35 MW-12: 20.13
GP-2 (12') with filter		14:44	0.0	6.6	8.7	0.0	0				
GP-2 (16') without filter		14:49	0.0	7.3	9.1	0.0	0				
GP-2 (16') with filter		14:49	0.0	7.4	8.3	0.0	0				
GP-2 (12') without filter	12/12/2013	15:45	0.0	9.9	8.5	0.0	0	15 - 20	None	1030 - 1036	MW-7: 18.45 MW-8: 18.60 MW-11: 20.42 MW-12: 20.20
GP-2 (12') with filter		15:45	0.0	9.7	8.3	0.0	0				
GP-2 (16') without filter		15:49	0.0	7.3	10.4	0.0	0				
GP-2 (16') with filter		15:49	0.0	6.9	9.8	0.0	0				
GP-2 (12') without filter	12/19/2013	14:48	0.0	10.8	7.8	0.0	0	30s - 40s	None	1016 - 1018	MW-7: 18.39 MW-8: 18.54 MW-11: 20.37 MW-12: 20.21
GP-2 (12') with filter		14:48	0.0	11.0	6.8	0.0	0				
GP-2 (16') without filter		14:51	0.0	9.0	8.9	0.0	0				
GP-2 (16') with filter		14:51	0.0	9.6	7.9	0.0	0				
GP-2 (12') without filter	12/23/2013	11:20	0.0	8.1	7.9	0.0	0	20s - 30s	Trace (0.02 inches)	1026 - 1029	MW-7: 15.63 MW-8: 15.72 MW-11: 17.45 MW-12: 17.32
GP-2 (12') with filter		11:20	0.0	8.1	6.9	0.0	0				
GP-2 (16') without filter		11:27	0.0	5.8	10.4	0.0	0				
GP-2 (16') with filter		11:27	0.0	7.6	8.7	0.0	0				
GP-2 (12') without filter	1/2/2014	16:20	0.0	21.5	0.1	0.0	0	20s - 30s	5.46 inches	1012 - 1026	MW-7: 15.24 MW-8: 15.39 MW-11: 17.21 MW-12: 16.98
GP-2 (12') with filter		16:20	0.0	18.2	0.3	0.0	0				
GP-2 (16') without filter		16:24	0.0	21.4	0.3	0.0	0				
GP-2 (16') with filter		16:24	0.0	21.5	0.3	0.0	0				

TABLE 2

**GP-2 FIELD MONITORING VALUES**  
**SOUTH DAYTON DUMP AND LANDFILL SITE**  
**MORaine, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> <sup>[2]</sup> (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>	<b>Water Levels (ft BTOR)</b>
GP-2 (12') without filter	1/9/2014	14:40	0.0	13.8	6.6	0.0	0	20s - 30s	1.55 inches	1026 - 1035	MW-7: 15.17
GP-2 (12') with filter		14:40	0.0	14.0	6.0	0.0	0				MW-8: 15.28
GP-2 (16') without filter		14:45	0.0	12.0	8.2	0.0	0				MW-11: 17.11
GP-2 (16') with filter		14:45	0.0	13.1	6.7	0.0	0				MW-12: 16.98
GP-2 (12') without filter	1/16/2014	13:00	0.0	13.8	6.1	0.0	0	20s - 30s	0.97 inches	1008 - 1019	MW-7: 15.93
GP-2 (12') with filter		13:00	0.0	13.9	3.8	0.0	0				MW-8: 16.06
GP-2 (16') without filter		13:07	0.0	12.9	7.2	0.0	0				MW-11: 17.90
GP-2 (16') with filter		13:07	0.0	13.2	4.1	0.0	0				MW-12: 17.71
GP-2 (12') without filter	1/23/2014	13:00	0.0	16.8	5.1	0.0	0	5 - 15	Trace	1019 - 1038	MW-7: 15.62
GP-2 (12') with filter		13:00	0.0	16.5	4.7	0.0	0				MW-8: 15.83
GP-2 (16') without filter		13:07	0.0	15.4	6.0	0.0	0				MW-11: 17.59
GP-2 (16') with filter		13:07	0.0	15.3	4.9	0.0	0				MW-12: 17.46
GP-2 (12') without filter	1/28/2014	14:25	0.0	17.3	4.6	0.0	0	5	None	1030 - 1033	MW-7: 17.27
GP-2 (12') with filter		14:25	0.0	17.3	4.1	0.0	0				MW-8: 17.41
GP-2 (16') without filter		14:30	0.0	15.2	6.5	0.0	0				MW-11 & MW-12: iced over
GP-2 (16') with filter		14:30	0.0	15.2	5.8	0.0	0				
GP-2 (12')	2/6/2014	Inaccessible due to snow coverage from road plows					15 - 25	0.3 inches	1029 - 1032	Inaccessible	
GP-2 (12') without filter	2/13/2014	15:16	0.0	17.5	4.5	0.0	0	25 - 35	None	1003 - 1018	MW-7: 17.62
GP-2 (12') with filter		15:16	0.0	17.7	3.8	0.0	0				MW-8: 17.77
GP-2 (16') without filter		15:20	0.0	19.3	2.2	0.0	0				MW-11 & MW-12: iced over
GP-2 (16') with filter		15:20	0.0	19.5	0.6	0.0	0				
GP-2 (12') without filter	2/20/2014	14:12	0.0	16.8	4.3	0.0	0	35 - 40	None	1010 - 1014	MW-7: 17:53
GP-2 (12') with filter		14:12	0.0	16.8	4.0	0.0	0				MW-8: 17.66
GP-2 (16') without filter		14:14	0.0	15.8	5.4	0.0	0				MW-11: 19:50
GP-2 (16') with filter		14:14	0.0	15.9	4.5	0.0	0				MW-12: 19.27
GP-2 (12') without filter	2/27/2014	13:10	0.1	19.3	2.3	0.0	0	15 - 25	Trace	1008 - 1024	MW-7: 15.64
GP-2 (12') with filter		13:10	0.1	19.4	1.7	0.0	0				MW-8: 15.78
GP-2 (16') without filter		13:17	0.0	17.2	4.8	0.1	0				MW-11: 17.59
GP-2 (16') with filter		13:17	0.0	17.4	4.1	0.0	0				MW-12: 17.41
GP-2 (12') without filter	3/6/2014	14:21	0.0	17.8	4.3	0.0	0	35 - 45	None	1020 - 1029	MW-7: na
GP-2 (12') with filter		14:21	0.0	17.7	4.1	0.0	0				MW-8: na
GP-2 (16') without filter			0.0	16.8	5.2	0.0	0				MW-11: na
GP-2 (16') with filter			0.0	16.7	5.1	0.0	0				MW-12: na
GP-2 (12') without filter	4/2/2014	11:57	0.0	18.1	3.5	0.0	0	50s	Trace (0.15 inches)	1020	MW-7: 14.12
GP-2 (12') with filter		11:57	0.0	18.0	3.7	0.0	0				MW-8: 14.32
GP-2 (16') without filter			0.0	17.3	4.4	0.0	0				MW-11: 16.06
GP-2 (16') with filter			0.0	17.3	4.5	0.0	0				MW-12: 15.91

TABLE 2

**GP-2 FIELD MONITORING VALUES**  
**SOUTH DAYTON DUMP AND LANDFILL SITE**  
**MORaine, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> <sup>[2]</sup> (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>	<b>Barometric Pressure (hPa)</b>	<b>Water Levels (ft BTOR)</b>
GP-2 (12') without filter		15:18	0.2	16.3	3.0	0.0	0				MW-7: 16.84
GP-2 (12') with filter		15:18	0.2	16.4	2.5	0.0	0				MW-8: 16.70
GP-2 (16') without filter		15:22	0.5	20.3	0.0	0.0	0				MW-11: 18.68
GP-2 (16') with filter		15:22	0.5	20.0	1.6	0.0	0				MW-12: 18.46

**Notes**

[1] - The explosive gas monitor baseline reading was 1 percent LEL. The meter did not zero for LEL readings and the corresponding methane readings were 0 percent; therefore, the readings of 1 percent are anomalous.

[2] - The Landtec GEM 2000 combustible gas monitor measures explosive gases as a percent of methane by volume. The presence of other hydrocarbon gases affects methane readings.

[3] -CO<sub>2</sub> readings started at 0.1 ppm.

PID - Photoionization Detector

O<sub>2</sub> - Oxygen

CO<sub>2</sub> - Carbon Dioxide

CH<sub>4</sub> - Methane

LEL - Lower Explosive Limit

NM - Not measured

U - Qualified as non-detect due to issues with the filter  
**Value** - Value is greater than LEL for methane (5 percent methane)

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**SOIL GAS PROBE FIELD MONITORING VALUES  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>
GP22-13 (20') without filter	7/11/2013	14:55	0.1	8.4	3.4	0.0	0	60s - 70s	None
GP22-13 (20') with filter		14:55	0.1	8.4	3.6	0.0	0		
GP23-13 (18.5') without filter		15:01	0.9	15.6	3.2	0.0	0		
GP23-13 (18.5') with filter		15:01	0.9	15.0	2.1	0.0	0		
GP24A-13 (20') without filter		15:05	1.4	10.1	7.2	0.0	0		
GP24A-13 (20') without filter		15:05	1.4	8.6	7.5	0.0	0		
GP24B-13 (4.5') without filter		15:10	0.3	11.5	6.1	0.0	0		
GP24B-13 (4.5') with filter		15:10	0.3	11.4	5.9	0.0	0		
GP-7 (8') without filter	7/18/2013	15:31	0.0	16.2	3.0	0.0	0	70s - 90s	None
GP-7 (8') with filter		15:31	0.0	16.1	3.2	0.0	0		
GP-7 (12') without filter		15:31	0.0	13.0	5.0	0.0	0		
GP-7 (12') with filter		15:31	0.0	13.4	4.8	0.0	0		
GP12-09 (6') without filter		15:25	0.1	0.9	10.2	0.5	12		
GP12-09 (6') with filter		15:25	0.1	1.2	11.3	0.6	12		
GP22-13 (20') without filter		14:45	0.3	14.5	1.0	0.0	0		
GP22-13 (20') with filter		14:45	0.3	14.6	1.3	0.1	1		
GP23-13 (18.5') without filter		14:51	0.0	12.2	5.3	0.0	0		
GP23-13 (18.5') with filter		14:51	0.0	12.4	6.0	0.1	1		
GP24A-13 (20') without filter		14:57	0.6	14.4	4.2	0.0	0		
GP24A-13 (20') without filter		14:57	0.6	14.2	4.8	0.0	0		
GP24B-13 (4.5') without filter		15:02	0.0	14.1	4.9	0.0	0		
GP24B-13 (4.5') with filter		15:02	0.0	16.8	3.1	0.0	0		
GP-7 (8') with filter	7/25/2013	14:24	0.0	16.8	3.4	0.0	0	50s - 70s	None
GP-7 (8') without filter		14:24	0.0	16.7	3.2	0.0	0		
GP-7 (12') with filter		14:24	0.0	13.2	5.7	0.0	0		
GP-7 (12') without filter		14:24	0.0	13.2	6.1	0.0	0		
GP-7 (16') with filter		14:24	0.0	10.4	6.6	0.0	0		
GP-7 (16') without filter		14:24	0.0	10.4	6.8	0.0	0		
GP12-09 (6') with filter		14:37	0.6	18.0	3.9	0.0	0		
GP12-09 (6') without filter		14:37	0.6	18.0	4.2	0.0	0		
GP23-13 (18.5') with filter	8/1/2013	14:42	0.0	14.1	4.8	0.0	0	60s - 80s	None
GP23-13 (18.5') without filter		14:42	0.0	14.2	4.6	0.0	0		
GP23-13 (18.5') without filter		14:11	0.0	12.4	5.9	0.0	0		
GP23-13 (18.5') with filter		14:11	0.0	12.1	5.4	0.0	0		
GP-7 (8') without filter		14:17	0.0	16.7	3.1	0.0	0		
GP-7 (8') with filter		14:17	0.0	16.4	3.0	0.0	0		
GP-7 (12') without filter		14:17	0.0	13.2	4.7	0.0	0		
GP-7 (12') with filter		14:17	0.0	13.4	4.9	0.0	0		
GP-7 (16') without filter		14:17	0.0	11.4	6.0	0.0	0		
GP-7 (16') with filter		14:17	0.0	11.1	6.1	0.0	0		
GP12-09 (6') without filter		14:30	0.1	7.8	7.3	0.3	6		
GP12-09 (6') with filter		14:30	0.1	8.3	7.8	0.2	4		

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**SOIL GAS PROBE FIELD MONITORING VALUES  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>
GP23-13 (18.5') without filter	8/6/2013	13:56	0.1	12.6	5.4	0.0	0	60s - 80s	None
GP23-13 (18.5') with filter		13:56	0.1	10.4	5.8	0.0	0		
GP-7 (8') without filter		13:40	0.0	16.4	4.7	0.0	0		
GP-7 (8') with filter		13:40	0.0	16.1	4.5	0.0	0		
GP-7 (12') without filter		13:40	0.0	13.1	5.4	0.0	0		
GP-7 (12') with filter		13:40	0.0	13.4	4.9	0.0	0		
GP-7 (16') without filter		13:40	0.0	10.5	6.1	0.0	0		
GP-7 (16') with filter		13:40	0.0	10.6	6.7	0.0	0		
GP12-09 (6') without filter		14:01	0.3	8.7	6.4	0.0	0		
GP12-09 (6') with filter		14:01	0.3	8.9	6.7	0.0	0		
GP12-09 (6') without filter	8/15/2013	13:05	0.0	20.2	1.3	0.0	0	40s - 70s	None
GP12-09 (6') with filter		13:05	0.0	19.8	1.4	0.0	0		
GP23-13 (18.5') without filter		13:11	0.0	11.1	6.7	0.0	0		
GP23-13 (18.5') with filter		13:11	0.0	9.4	6.7	0.0	0		
GP-7 (8') without filter		13:17	0.0	12.8	5.9	0.0	0		
GP-7 (8') with filter		13:17	0.0	14.5	4.6	0.0	0		
GP-7 (12') without filter		13:17	0.0	13.0	4.9	0.0	0		
GP-7 (12') with filter		13:17	0.0	13.4	4.7	0.0	0		
GP-7 (16') without filter		13:17	0.0	9.3	7.6	0.0	0		
GP-7 (16') with filter		13:17	0.0	9.1	6.8	0.0	0		
GP12-09 (6') without filter	8/22/2013	14:21	0.0	0.9	12.0	0.0	0	60s - 80s	Trace (0.06 in.)
GP12-09 (6') with filter		14:21	0.0	0.9	11.6	0.0	0		
GP23-13 (18.5') without filter		14:15	0.0	10.4	6.9	0.0	0		
GP23-13 (18.5') with filter		14:15	0.0	10.6	6.1	0.0	0		
GP-7 (8') without filter		14:26	0.0	10.4	7.0	0.0	0		
GP-7 (8') with filter		14:26	0.0	10.2	6.4	0.0	0		
GP-7 (12') without filter		14:26	0.0	9.5	7.4	0.0	0		
GP-7 (12') with filter		14:26	0.0	9.2	7.2	0.0	0		
GP-7 (16') without filter		14:26	0.0	8.2	7.9	0.0	0		
GP-7 (16') with filter		14:26	0.0	8.4	7.7	0.0	0		
GP12-09 (6') without filter	8/27/2013	13:55	0.3	1.6	11.9	0.0	0	70s - 80s	None
GP12-09 (6') with filter		13:55	0.3	1.5	11.2	0.0	0		
GP23-13 (18.5') without filter		14:01	0.1	10.5	7.5	0.0	0		
GP23-13 (18.5') with filter		14:01	0.1	8.6	8.2	0.0	0		
GP-7 (8') without filter		14:05	0.0	11.1	7.1	0.0	0		
GP-7 (8') with filter		14:05	0.0	10.4	7.3	0.0	0		
GP-7 (12') without filter		14:05	0.1	9.8	7.6	0.0	0		
GP-7 (12') with filter		14:05	0.1	9.2	7.6	0.0	0		
GP-7 (16') without filter		14:05	0.1	8.9	7.8	0.0	0		
GP-7 (16') with filter		14:05	0.1	8.9	7.5	0.0	0		

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**SOIL GAS PROBE FIELD MONITORING VALUES  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>
GP12-09 (6') without filter	9/5/2013	-	0.0	17.9	3.1	0.1	1	50s - 80s	None
GP12-09 (6') with filter		-	0.0	17.5	3.7	0.0	0		
GP23-13 (18.5') without filter		-	0.3	11.3	7.0	0.0	0		
GP23-13 (18.5') with filter		-	0.3	11.7	5.5	0.0	0		
GP-7 (8') without filter		-	0.0	11.0	7.2	0.0	0		
GP-7 (8') with filter		-	0.0	11.3	5.6	0.0	0		
GP-7 (12') without filter		-	0.0	10.3	7.5	0.0	0		
GP-7 (12') with filter		-	0.0	10.6	6.4	0.0	0		
GP-7 (16') without filter		-	0.0	8.4	8.6	0.0	0		
GP-7 (16') with filter		-	0.0	8.4	7.8	0.0	0		
GP23-13 (18.5') without filter	9/12/2013	17:45	0.0	10.4	8.1	0.1	2	60-80s	0.29 inches
GP23-13 (18.5') with filter		17:45	0.0	10.7	6.4	0.1	2		
GP-7 (8') without filter		--	0.0	10.9	7.6	0.0	0		
GP-7 (8') with filter		--	0.0	10.8	7.7	0.0	0		
GP-7 (12') without filter		--	0.1	8.3	9.3	0.0	0		
GP-7 (12') with filter		--	0.1	8.2	9.3	0.0	0		
GP-7 (16') without filter		--	--	7.8	9.3	0.0	0		
GP-7 (16') with filter		--	--	7.9	8.7	0.0	0		
GP-7 (8') without filter	10/17/2013	14:18	0.0	11.5	7.1	0.0	0	40s - 50s	0.1 inches
GP-7 (8') with filter		14:18	0.0	13.5	5.1	0.0	0		
GP-7 (12') without filter		14:23	0.0	11.3	7.0	0.0	0		
GP-7 (12') with filter		14:23	0.0	9.3	8.4	0.0	0		
GP-7 (16') without filter		14:27	0.0	7.9	10.0	0.0	0		
GP-7 (16') with filter		14:27	0.0	8.4	9.3	0.0	0		
GP12-09 (6') without filter		14:14	0.0	17.4	2.4	0.0	0		
GP12-09 (6') with filter		14:14	0.0	17.6	1.5	0.0	0		
GP22-13 (20') without filter		14:31	0.0	0.5	9.7	0.0	0		
GP22-13 (20') with filter		14:31	0.0	1.0	8.9	0.0	0		
GP23-13 (18.5') without filter		14:35	0.0	8.7	10.0	0.0	0		
GP23-13 (18.5') with filter		14:35	0.0	8.2	10.0	0.0	0		
GP24A-13 (20') without filter		14:38	0.0	8.1	10.4	0.0	0		
GP24A-13 (20') with filter		14:38	0.0	10.8	7.9	0.0	0		
GP24B-13 (4.5') without filter		14:42	0.0	11.4	7.2	0.0	0		
GP24B-13 (4.5') with filter		14:42	11.8	5.9	0.0	0.0	0		
GP-7 (8') without filter	11/12/2013	13:00	0.0	14.4	5.5	0.0	0	20s - 30s	Trace (0.05 inches)
GP-7 (8') with filter		13:00	0.0	15.5	4.3	0.0	0		
GP-7 (12') without filter		13:06	0.0	13.7	6.0	0.0	0		
GP-7 (12') with filter		13:06	0.0	13.8	5.5	0.0	0		
GP-7 (16') without filter		13:13	0.0	10.6	8.6	0.0	0		
GP-7 (16') with filter		13:13	0.0	11.7	6.7	0.0	0		
GP12-09 (6') without filter		13:19	0.0	16.1	2.7	0.0	0		
GP12-09 (6') with filter		13:19	0.0	16.8	1.9	0.0	0		
GP23-13 (18.5') without filter		13:25	0.0	10.3	8.2	0.0	0		
GP23-13 (18.5') with filter		13:25	0.0	10.1	7.6	0.0	0		

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**SOIL GAS PROBE FIELD MONITORING VALUES  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>
GP-7	12/19/2013	Buried Under Snow & Ice						30s - 40s	None
GP12-09 (6') without filter		14:54	0.0	19.9	0.8	0.0	0		
GP12-09 (6') with filter		14:54	0.0	19.0	0.4	0.0	0		
GP23-13 (18.5') without filter		14:57	0.0	12.1	8.3	0.0	0		
GP23-13 (18.5') with filter		14:57	0.0	12.4	7.0	0.0	0		
GP-7 (8') without filter	1/9/2014	14:25	0.0	18.5	2.7	0.0	0	20s - 30s	1.55 inches
GP-7 (8') with filter		14:25	0.0	19.0	1.2	0.0	0		
GP-7 (12') without filter		14:30	0.0	18.2	2.8	0.0	0		
GP-7 (12') with filter		14:30	0.0	18.4	1.6	0.0	0		
GP-7 (16') without filter		14:36	0.0	16.2	4.9	0.0	0		
GP-7 (16') with filter		14:36	0.0	16.7	3.9	0.0	0		
GP12-09 (6') without filter		14:20	0.0	12.9	3.6	0.0	0		
GP12-09 (6') with filter		14:20	0.0	12.6	2.9	0.0	0		
GP22-13 (20') without filter		14:00	0.0	8.5	6.3	0.0	0		
GP22-13 (20') with filter		14:00	0.0	15.8	2.5	0.0	0		
GP23-13 (18.5') without filter		14:05	0.0	14.2	6.1	0.0	0		
GP23-13 (18.5') with filter		14:05	0.0	16.8	3.2	0.0	0		
GP24A-13 (20') without filter		14:11	0.0	14.3	5.4	0.0	0		
GP24A-13 (20') with filter		14:11	0.0	17.7	2.8	0.0	0		
GP24B-13 (4.5') without filter	3/10/2014	14:16	0.1	16.5	3.1	0.0	0	40s - 50s	None
GP24B-13 (4.5') with filter		14:16	0.1	15.5	2.7	0.0	0		
GP-7 (8') without filter		11:17	0.0	19.6	1.8	0.0	0		
GP-7 (8') with filter		11:17	0.0	19.9	1.2	0.0	0		
GP-7 (12') without filter		0.0	19.9	1.9	0.0	0			
GP-7 (12') with filter		0.0	20.2	0.6	0.0	0			
GP-7 (16') without filter		19.8	2.8	0.0	0				
GP-7 (16') with filter		20.2	1.5	0.0	0				
GP12-09 (6') without filter		11:28	0.0	16.4	6.0	0.0	0		
GP12-09 (6') with filter		11:28	0.0	16.8	5.3	0.0	0		
GP23-13 (18.5') without filter	4/2/2014	0.0	21.3	0.4	0.0	0		50s	Trace (0.15 inches)
GP23-13 (18.5') with filter		0.0	20.8	2.3	0.0	0			
GP-7 (8') without filter		11:37	0.0	19.2	1.9	0.0	0		
GP-7 (8') with filter		11:37	0.0	19.2	1.6	0.0	0		
GP-7 (12') without filter		0.0	18.9	2.8	0.0	0			
GP-7 (12') with filter		0.0	18.8	3.0	0.0	0			
GP-7 (16') without filter		0.0	19.1	2.0	0.0	0			
GP-7 (16') with filter		0.0	19.2	2.3	0.0	0			
GP12-09 (6') without filter		11:50	0.0	21.2	0.3	0.0	0		
GP12-09 (6') with filter		11:50	0.0	21.2	0.5	0.0	0		
GP23-13 (18.5') without filter		11:35		17.7	3.8	0.0	0		
GP23-13 (18.5') with filter		11:35		17.6	4.2	0.0	0		

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**SOIL GAS PROBE FIELD MONITORING VALUES  
SOUTH DAYTON DUMP AND LANDFILL SITE  
MORaine, OHIO**

<b>Sample Location:</b>	<b>Date:</b>	<b>Time</b>	<b>PID (ppm)</b>	<b>O<sub>2</sub> (%)</b>	<b>CO<sub>2</sub> (%)</b>	<b>CH<sub>4</sub> (%)</b>	<b>LEL (%)</b>	<b>Ambient Temperature (°F)</b>	<b>Summary of Recent Precipitation</b>
GP-7	Inaccessible								75-85 None
GP12-09 (6') without filter	5/8/2014 <sup>[1]</sup>	15:25	0.0	20.0	0.2	0.0	0		
GP12-09 (6') with filter		15:25	0.0	20.1	0.1	0.0	0		
GP22-13 (20') without filter		15:28	0.1	9.0	4.5	0.0	0		
GP22-13 (20') with filter		15:28	0.1	9.2	3.7	0.0	0		
GP23-13 (18.5') without filter		15:31	0.0	16.9	3.0	0.0	0		
GP23-13 (18.5') with filter		15:31	0.0	16.6	2.1	0.0	0		
GP24A-13 (20') without filter		15:40	0.0	14.7	3.5	0.0	0		
GP24A-13 (20') with filter		15:40	0.0	14.9	2.8	0.0	0		
GP24B-13 (4.5') without filter		15:44	0.0	16.5	3.0	0.0	0		
GP24B-13 (4.5') with filter		15:44	0.0	16.6	2.8	0.0	0		

## Notes

<sup>[1]</sup> -CO<sub>2</sub> readings started at 0.1 ppm.

PID - Photoionization Detector

O<sub>2</sub> - Oxygen

CO<sub>2</sub> - Carbon Dioxide

CH<sub>4</sub> - Methane

LEL - Lower Explosive Limit

NM - Not measured

U - Qualified as non-detect due to issues with the filter

**Value** - Value is greater than LEL for methane (5 percent methane)